LONDON-WEST MIDLANDS
ENVIRONMENTAL STATEMENT

Volume 5 | Map books

CFA11 | Stoke Mandeville and Aylesbury
Ecology

November 2013

ES 3.5.1.5.11

VOL
5

Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

A report prepared for High Speed Two (HS2) Limited:

ARUP ATKINS CAPITA ERM

ineco Mott MacDonald PARSONS BRINCKERHOFF TEMPLE URS

High Speed Two (HS2) Limited,
Eland House,
Bressenden Place,
London SW1E 5DU

Details of how to obtain further copies are available from HS2 Ltd.

Telephone: 020 7944 4908

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.hs2.org.uk

High Speed Two (HS2) Limited has actively considered the needs of blind and partially sighted people in accessing this document. The text will be made available in full on the HS2 website. The text may be freely downloaded and translated by individuals or organisations for conversion into other accessible formats. If you have other needs in this regard please contact High Speed Two (HS2) Limited.

recycle

Printed in Great Britain on paper
containing at least 75% recycled fibre.

Contents

Mapping explanatory notes

Data dictionary and definitions

Map series name	Map series description
EC-01 – Designated Sites	*This map series shows statutory and non-statutory sites for nature conservation located in the vicinity of the land required for the construction of the Proposed Scheme. They also show the location of Nature Reserves of the RSPB and Wildlife Trusts, and ancient woodland.*
EC-02 – Phase 1 Habitat (1:10,000)	*This map series shows Phase 1 habitat survey information for land required and in the vicinity of the Proposed Scheme at a scale of 1:10,000. Where it has not been possible to gain access for field survey, the information is based on available desk study and interpretation of aerial photography.*
EC-03 - Phase 1 Habitat (1:2,500)	*This map series shows Phase 1 habitat survey information for land required and in the vicinity of the construction of the Proposed Scheme at a scale of 1:2,500. Where it has not been possible to gain access for field survey the information is based on available desk study and interpretation of aerial photography. This map series is only provided at those locations where a larger scale is required.*
EC-04 – Amphibians	*This map series shows the results of amphibian surveys conducted to inform the Environmental Assessment. It principally details the results of great crested newt surveys conducted. In addition it shows the location of those 'exceptional' populations of common amphibians recorded.*
EC-05 – Bats – Roost	*This map series shows results of field surveys conducted to investigate the potential for trees and buildings/structures to support roosting bats. It shows the location of roosts confirmed by field survey and features identified as having a high or moderate potential to support roosting bats.*
EC-06 – Bats – Activity	*This map series shows the location of bat activity surveys conducted to inform the Environmental Statement. In addition it shows the location of the key bat foraging and commuting routes which have been established on the basis of the survey work conducted.*
EC-07 – Reptiles	*This map series shows the extent and results of survey work for common reptiles that has been undertaken to inform the Environmental Statement.*
EC-08 – Breeding Birds – Protected and Notable Species	*This map series shows records of protected/notable breeding birds that are considered most relevant in considering the impacts of the Proposed Scheme on breeding birds. The location of nest sites for species such as barn owl and raptor species which may be liable to persecution are not displayed.*
EC-09 – Wintering and Passage Birds – Protected and Notable Species	*This map series shows records of selected protected/notable wintering birds that are considered most relevant in considering the impacts of the Proposed Scheme.*
EC-10 – Phase 2 Habitat Survey	*This map series shows the extent of detailed habitat surveys undertaken to inform the Environmental Statement. The map shows the location of hedgerows that qualify as 'important hedgerows' under the wildlife and landscape criteria of the Hedgerows Regulations (1997).*
EC-11 – Other Protected and Notable Species (1)	*This map series shows the extent of protected species surveys conducted to inform the Environmental Statement.*
EC-12 – Other Protected and Notable Species (2)	*This map series shows the extent of protected species surveys conducted to inform the Environmental Statement.*

Mapping explanatory notes

Copyright statements

Copyright statements are presented in the data dictionary and definitions section at the front of the map book, due to limited space to include this on the individual maps themselves.

Ordnance Survey data

All maps produced as part of the London-West Midlands Environmental Statement (ES) contain Ordnance Survey (OS) data. HS2 Ltd uses the most up-to-date mapping available, where possible, supplied by the OS. As such, we cannot be held responsible for any inaccuracies within this data.

As part of our licence conditions, all digital maps carry a watermark.

Chainage

Most of the maps presented as part of the ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XX+YYY, for example: 77+000.

Chainage (known as reference chainage) is referenced from Euston station, which is 0+000, and the value presented is in metres. For example, 77+000 refers to the point 77,000m, or 77km, from Euston station. Chainage values increase in intervals dependant on the map scale. For maps at 1:50,000, scale chainage is shown at 5km intervals. For maps at 1:25,000, scale chainage is shown at 2km intervals. For maps at 1:10,000, 1:5,000 and 1:2,500 scales, chainage is shown at 1km intervals.

Chainage has been included on the maps as a useful tool for comparing map sets showing the different environmental themes or engineering plans, due to map sets having different scales and therefore showing differing amounts of alignment on the map.

Map orientation

The majority of the maps presented in these map books are presented with the railway alignment running horizontally across the page. The direction of travel to London would be following the alignment to the right hand side of the page, and the West Midlands to the left.

The exceptions to this are map series LV-02, LV-03, LV-04, LV-07 and LV-08, which present the alignment running from the bottom to the top of the page. This is to allow more of the modelled outputs to be shown at the appropriate map scale. In this instance, the direction of travel to London would be to the bottom of the page, and the West Midlands to the top.

Map books

There are a total of 76 map books in the ES, spread across Volumes 2, 4 and 5. A list of the titles is provided in the table below for reference.

Name	Name
Volume 2 Map Books Community Forum Area: 01 Euston – Station and Approach	Volume 5 Map Books: Ecology – Community Forum Area: 05 Northolt Corridor
Volume 2 Map Book s Community Forum Area: 02 Camden Town and HS1 Link	Volume 5 Map Books: Ecology – Community Forum Area: 06 South Ruislip to Ickenham
Volume 2 Map Books Community Forum Area: 03 Primrose Hill to Kilburn (Camden)	Volume 5 Map Books: Ecology – Community Forum Area: 07 Colne Valley
Volume 2 Map Books Community Forum Area: 04 Kilburn (Brent) to Old Oak Common	Volume 5 Map Books: Ecology – Community Forum Area: 08 The Chalfonts and Amersham
Volume 2 Map Books Community Forum Area: 05 Northolt Corridor	Volume 5 Map Books: Ecology – Community Forum Area: 09 Central Chilterns
Volume 2 Map Books Community Forum Area: 06 South Ruislip to Ickenham	Volume 5 Map Books: Ecology – Community Forum Area: 10 Dunsmore, Wendover and Halton
Volume 2 Map Books Community Forum Area: 07 Colne Valley	Volume 5 Map Books: Ecology – Community Forum Area: 11 Stoke Mandeville and Aylesbury
Volume 2 Map Books Community Forum Area: 08 The Chalfonts and Amersham	Volume 5 Map Books: Ecology – Community Forum Area: 12 Waddesdon and Quainton
Volume 2 Map Books Community Forum Area: 09 Central Chilterns	Volume 5 Map Books: Ecology – Community Forum Area: 13 Calvert, Steeple Claydon, Twyford and Chetwode
Volume 2 Map Books Community Forum Area: 10 Dunsmore, Wendover and Halton	Volume 5 Map Books: Ecology – Community Forum Area: 14 Newton Purcell to Brackley
Volume 2 Map Books Community Forum Area: 11 Stoke Mandeville and Aylesbury	Volume 5 Map Books: Ecology – Community Forum Area: 15 Greatworth to Lower Boddington
Volume 2 Map Books Community Forum Area: 12 Waddesdon and Quainton	Volume 5 Map Books: Ecology – Community Forum Area: 16 Ladbroke and Southam
Volume 2 Map Books Community Forum Area: 13 Calvert, Steeple Claydon, Twyford and Chetwode	Volume 5 Map Books: Ecology – Community Forum Area: 17 Offchurch and Cubbington
Volume 2 Map Books Community Forum Area: 14 Newton Purcell to Brackley	Volume 5 Map Books: Ecology – Community Forum Area: 18 Stoneleigh, Kenilworth and Burton Green
Volume 2 Map Books Community Forum Area: 15 Greatworth to Lower Boddington	Volume 5 Map Books: Ecology – Community Forum Area: 19 Coleshill Junction
Volume 2 Map Books Community Forum Area: 16 Ladbroke and Southam	Volume 5 Map Books: Ecology – Community Forum Area: 20 Curdworth to Middleton
Volume 2 Map Books Community Forum Area: 17 Offchurch and Cubbington	Volume 5 Map Books: Ecology – Community Forum Area: 21 Drayton Bassett, Hints and Weeford
Volume 2 Map Books Community Forum Area: 18 Stoneleigh, Kenilworth and Burton Green	Volume 5 Map Books: Ecology – Community Forum Area: 22 Whittington to Handsacre
Volume 2 Map Books Community Forum Area: 19 Coleshill Junction	Volume 5 Map Books: Ecology – Community Forum Area: 23 Balsall Common and Hampton-in-Arden
Volume 2 Map Books Community Forum Area: 20 Curdworth to Middleton	Volume 5 Map Books: Ecology – Community Forum Area: 24 Birmingham Interchange and Chelmsley Wood
Volume 2 Map Books Community Forum Area: 21 Drayton Bassett, Hints and Weeford	Volume 5 Map Books: Ecology – Community Forum Area: 25 Castle Bromwich and Bromford
Volume 2 Map Books Community Forum Area: 22 Whittington to Handsacre	Volume 5 Map Books: Ecology – Community Forum Area: 26 Washwood Heath to Curzon Street
Volume 2 Map Books Community Forum Area: 23 Balsall Common and Hampton-in-Arden	Volume 5 Map Books: Land Quality
Volume 2 Map Books Community Forum Area: 24 Birmingham Interchange and Chelmsley Wood	Volume 5 Map Books: Landscape and Visual – Euston and London Metropolitan
Volume 2 Map Books Community Forum Area: 25 Castle Bromwich and Bromford	Volume 5 Map Books: Landscape and Visual – Country South
Volume 2 Map Books Community Forum Area: 26 Washwood Heath to Curzon Street	Volume 5 Map Books: Landscape and Visual – Country North
Volume 4 Map Books Off Route Effects	Volume 5 Map Books: Landscape and Visual – West Midlands Metropolitan
Volume 5 Map Books: Agriculture, Forestry and Soils	Volume 5 Map Books: Socio-Economic
Volume 5 Map Books: Air Quality	Volume 5 Map Books: Sound, Noise and Vibration – Euston and London Metropolitan
Volume 5 Map Books: Community	Volume 5 Map Books: Sound, Noise and Vibration – Country South
Volume 5 Map Books: Cultural Heritage – Euston and London Metropolitan	Volume 5 Map Books: Sound, Noise and Vibration – Country North
Volume 5 Map Books: Cultural Heritage – Country South	Volume 5 Map Books: Sound, Noise and Vibration – West Midlands Metropolitan
Volume 5 Map Books: Cultural Heritage – Country North	Volume 5 Map Books: Traffic and Transport
Volume 5 Map Books: Cultural Heritage – West Midlands Metropolitan	Volume 5 Map Books: Water Resources – Euston and London Metropolitan
Volume 5 Map Books: Ecology – Community Forum Area: 01 Euston - Station and Approach	Volume 5 Map Books: Water Resources – Country South
Volume 5 Map Books: Ecology – Community Forum Area: 02 Camden Town and HS1 Link	Volume 5 Map Books: Water Resources – Country North
Volume 5 Map Books: Ecology – Community Forum Area: 03 Primrose Hill to Kilburn (Camden)	Volume 5 Map Books: Water Resources – West Midlands Metropolitan
Volume 5 Map Books: Ecology – Community Forum Area: 04 Kilburn (Brent) to Old Oak Common	Volume 5 Map Books: Cross Topic Appendix 1: Committed Developments

This page is left intentionally blank

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

Data dictionary and definitions

Data dictionary and definitions

Legend features	Definition	Source	Copyright
250m radius from all water bodies where presence of Great Crested Newt is confirmed.	250m radius from all water bodies where presence of Great Crested Newt (GCN) is confirmed.	High Speed Two (HS2) Ltd	
50m radius from all water bodies where presence of Great Crested Newt is confirmed.	50m radius from all water bodies where presence of Great Crested Newt (GCN) is confirmed.	High Speed Two (HS2) Ltd	
500m radius from all water bodies where presence of Great Crested Newt is confirmed.	500m radius from all water bodies where presence of Great Crested Newt (GCN) is confirmed.	High Speed Two (HS2) Ltd	
Activity transect route	Transect route that was surveyed during bat activity surveys.	High Speed Two (HS2) Ltd	
Ancient Woodland	Ancient Woodland Inventory. Ancient Woodland is land that has had continuous woodland cover since at least 1600AD.	Natural England	© Natural England copyright 2013. Contains Ordnance Survey data © Crown copyright and database right 2013. All rights reserved. Ordnance Survey Licence number 100022021. http://www.naturalengland.org.uk/Images/open-government-licence-NE-OS_tcm6-30743.pdf
Aquatic invertebrate: Aquatic invertebrate survey location	Location of aquatic invertebrate survey.	High Speed Two (HS2) Ltd	
Areas isolated by significant barriers to amphibian movement	Areas isolated by significant barriers to amphibian movement.	High Speed Two (HS2) Ltd	
Assumed key area of foraging habitat	Likely areas of bat foraging habitat for local bat populations, derived from bat activity survey results.	High Speed Two (HS2) Ltd	
Assumed key commuting route	Key commuting and foraging bat routes that have been identified by an ecologist after review of available survey data and application of professional judgement.	High Speed Two (HS2) Ltd	
Bat activity static detector location	Location where bat activity static detectors were used during survey period.	High Speed Two (HS2) Ltd	
Biodiversity Alert Site (BAS)	Local wildlife sites in Staffordshire are Biodiversity Alert Sites (BAS) and Sites of Biological Importance (SBI). BAS are local wildlife sites and are of lower intrinsic quality or have suffered damage or disturbance. Nevertheless, they collectively form a significant part of Staffordshire's nature conservation resource, and, in some cases, a valuable reserve series for some of the SBI. The BAS information is reproduced from, or based upon, information supplied by Staffordshire Ecological Record (SER) and reproduced with the permission of the SER Partnership. Individual records within the data are copyright their original recorders and provided under licence via SER. - All data supplied by SER is to the best of SER's knowledge correct at the time of production. However, the precision or accuracy of SER data is usually based upon the original information supplied by the recorder and although SER strives to ensure all records are checked and validated, SER cannot be held responsible for any errors or omissions - The presence of a marked boundary within SER information does not infer any right of public access.	Staffordshire Ecological Record	Copyright © Staffordshire Ecological Record Partnership, (2013).
Biological Notification Sites (BNS)	Biological Notification Sites (BNS) preceded Local Wildlife Sites as a local non-statutory designation. They were first designated in the late 1980s and have since been revised. There are no formal citations and for	Buckinghamshire County Council, Buckinghamshire and Milton Keynes Environment Record Centre (BMERC)	Based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown

Legend features	Definition	Source	Copyright
	some sites we have no survey data.		Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Buckinghamshire County Council Licence No. 100021529, 2012. Copyright Buckinghamshire County Council.
Breeding birds - protection status: Species listed on Annex I of the Birds Directive Species listed on Schedule 1 of the Wildlife and Countryside Act Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act Species listed on Birds of Conservation Concern list relevant to assessment – See Volume 5 Appendices Other notable species relevant to assessment – see Volume 5 Appendices	Field survey records of selected protected and/or notable breeding birds that are considered most relevant in considering the impacts of the Proposed Scheme on breeding birds.	High Speed Two (HS2) Ltd	
Breeding birds - survey extent	Area where breeding birds survey was conducted.	High Speed Two (HS2) Ltd	
Community Forum boundary	The Environmental Statement has been split into 26 sections called Community Forum Areas.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Confirmed bat roost – buildings: Hibernation roost Maternity roost Other roost Multiple roost types Potential to support roosting bats – buildings: High Moderate	Locations where bat roost survey has been completed within buildings. Buildings are categorised into those with potential to support bat roosts (high and medium potential) and those that have confirmed roosts. Confirmed roosts are further categorised into Hibernation, Maternity, Other or Multiple roosts.	High Speed Two (HS2) Ltd	
Confirmed bats roost – trees: Hibernation roost Maternity roost Other roost Multiple roost types Potential to support roosting bats – trees: High Moderate	Locations where bat roost survey has been completed within trees. Trees are categorised into those with potential to support bat roosts (high and medium potential) and those that have confirmed roosts. Confirmed roosts are further categorised into Hibernation, Maternity, Other or Multiple roosts.	High Speed Two (HS2) Ltd	
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd	
District/Borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Ditch vegetation survey	Extent of Ditch vegetation surveys.	High Speed Two (HS2) Ltd	
Dormouse: Nest tube survey and/or nut search conducted and presence confirmed Nest tube survey and/or nut search conducted and no signs of dormouse identified	Extent of Dormouse survey using nest tube and/or nut search. Those areas where access was available either had confirmed presence or no signs were found.	High Speed Two (HS2) Ltd	

Legend features	Definition	Source	Copyright
Site identified as potentially suitable for dormouse but no access available			
Fish: Fish survey location	Location where fish survey was conducted.	High Speed Two (HS2) Ltd	
Great Crested Newt (GCN) survey locations	Results from Great Crested Newt pond surveys.	High Speed Two (HS2) Ltd	
'Important' hedgerow confirmed by field survey Possible 'Important' hedgerow - no access available for survey	Location of those hedgerows that have been identified as 'important hedgerows' or possible 'important hedgerows' under the wildlife and landscape criteria in the Hedgerows Regulations (2007).	High Speed Two (HS2) Ltd	
Land potentially required during construction	Boundary defining the maximum possible extent of construction works required to build HS2 as far as the current level of design allows. This only covers surface works and includes all tunnel portals, vent shafts and headhouses, but does not apply to wholly tunnelled sections or to air rights. It also encompasses associated highway, access, drainage and utility works.	High Speed Two (HS2) Ltd	
Local Nature Reserve (LNR)	A Local Nature Reserve (LNR) is a statutory designation made under Section 21 of the National Parks and Access to the Countryside Act 1949 by principal local authorities. Data supplied has the status of Declared. The boundaries are interpreted from material gathered from the local authorities and do not currently cover all LNRs. This national dataset is indicative not definitive. Definitive information can only be provided by individual local authorities and you should refer directly to their information for all purposes that require the most up to date and complete dataset.	Natural England	© Natural England copyright 2013 Contains Ordnance Survey data © Crown copyright and database right 2013. All rights reserved. Ordnance Survey Licence number 100022021. http://www.naturalengland.org.uk/Images/open-government-licence-NE-OS_tcm6-30743.pdf
Local Wildlife Site (LWS)	Local Wildlife Sites (LWS) are identified and selected for their local nature conservation value. They protect threatened species and habitats acting as buffers, stepping stones and corridors between nationally designated wildlife sites. They are local non-statutory nature conservation sites. They were formerly referred to as County Wildlife Sites.	EcoRecord Warwickshire County Council Birmingham Council Greenspace Information for Greater London (GiGL) Northamptonshire County Council Buckinghamshire County Council Thames Valley Ecological Records Centre (TVERC) c/o Oxfordshire County Council Hertfordshire County Council	Data supplied by EcoRecord, Warwickshire BRC & Birmingham © Crown copyright and database rights 2012 Ordnance Survey Licence Number 100049190. Map derived from GiGL data 2012 (where a map shows information derived from GiGL data). This data incorporates biodiversity data supplied to HS2 by Northamptonshire Biodiversity Records Centre and The Wildlife Trust for Bedfordshire, Cambridgeshire and Northamptonshire (Wildlife Trust BCN), and is copyright to Wildlife Trust BCN and/or its partners. This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Buckinghamshire County Council Licence No. 100021529,2012. Incorporates biodiversity data supplied by Thames Valley Environmental Records Centre (TVERC). This data are copyright to TVERC and/or its partners.

Legend features	Definition	Source	Copyright
		Staffordshire Ecological Record (SER)	Incorporates biodiversity data supplied to High Speed Two (HS2) by Hertfordshire Biological Records Centre and is copyright to Hertfordshire County Council, Hertfordshire Biological Records Centre and/or its partners. Copyright © Staffordshire Ecological Record Partnership, 2013. The information is reproduced from, or based upon information supplied by Staffordshire Ecological Record (SER) and reproduced with the permission of the SER Partnership. Individual records within the data are copyright their original recorders and provided under licence via SER. All data supplied by SER is to the best of SER's knowledge correct at the time of production. However, the precision or accuracy of SER data is usually based upon the original information supplied by the recorder and although SER strives to ensure all records are checked and validated, SER cannot be held responsible for any errors or omissions. The presence of a marked boundary within SER information does not infer any rights of public access.
National Nature Reserve (NNR)	A National Nature Reserve (NNR) is the land declared under the National Parks and Access to the Countryside Act 1949 or Wildlife and Countryside Act (1981) as amended.	Natural England	© Natural England copyright 2013 Contains Ordnance Survey data © Crown copyright and database right 2013. All rights reserved. Ordnance Survey Licence number 100022021. http://www.naturalengland.org.uk/Images/open-government-licence-NE-OS_tcm6-30743.pdf
National Vegetation Classification survey	Extent of National Vegetation Classification surveys.	High Speed Two (HS2) Ltd	
Nature reserve	Designated and non-designated nature reserves managed by local authorities, The Wildlife Trusts and private landowners. Nature reserve information is reproduced from, or based upon information supplied by Staffordshire Ecological Record (SER) and reproduced with the permission of the SER Partnership. Individual records within the data are copyright their original recorders and provided under licence via SER. - All data supplied by SER is to the best of SER's knowledge correct at the time of production. However, the precision or accuracy of SER data is usually based upon the original information supplied by the recorder and although SER strives to ensure all records are checked and validated, SER cannot be held responsible for any errors or omissions - The presence of a marked boundary within SER information does not infer any right of public access.	Ecorecord, Staffordshire Ecological Record, Royal Society for the Protection of Birds	Licensed in accordance with PSMA © Crown Copyright and database rights [2013]. Ordnance Survey Licence number 100049190. Copyright © Staffordshire Ecological Record Partnership, (2013). Data reproduced with the permission of RSPB. © Crown copyright. Ordnance Survey Licence Number 100021787 (2013).
Otter: Active otter holt Potential otter holt	Location of active otter holts and potential otter holts found during field survey.	High Speed Two (HS2) Ltd	

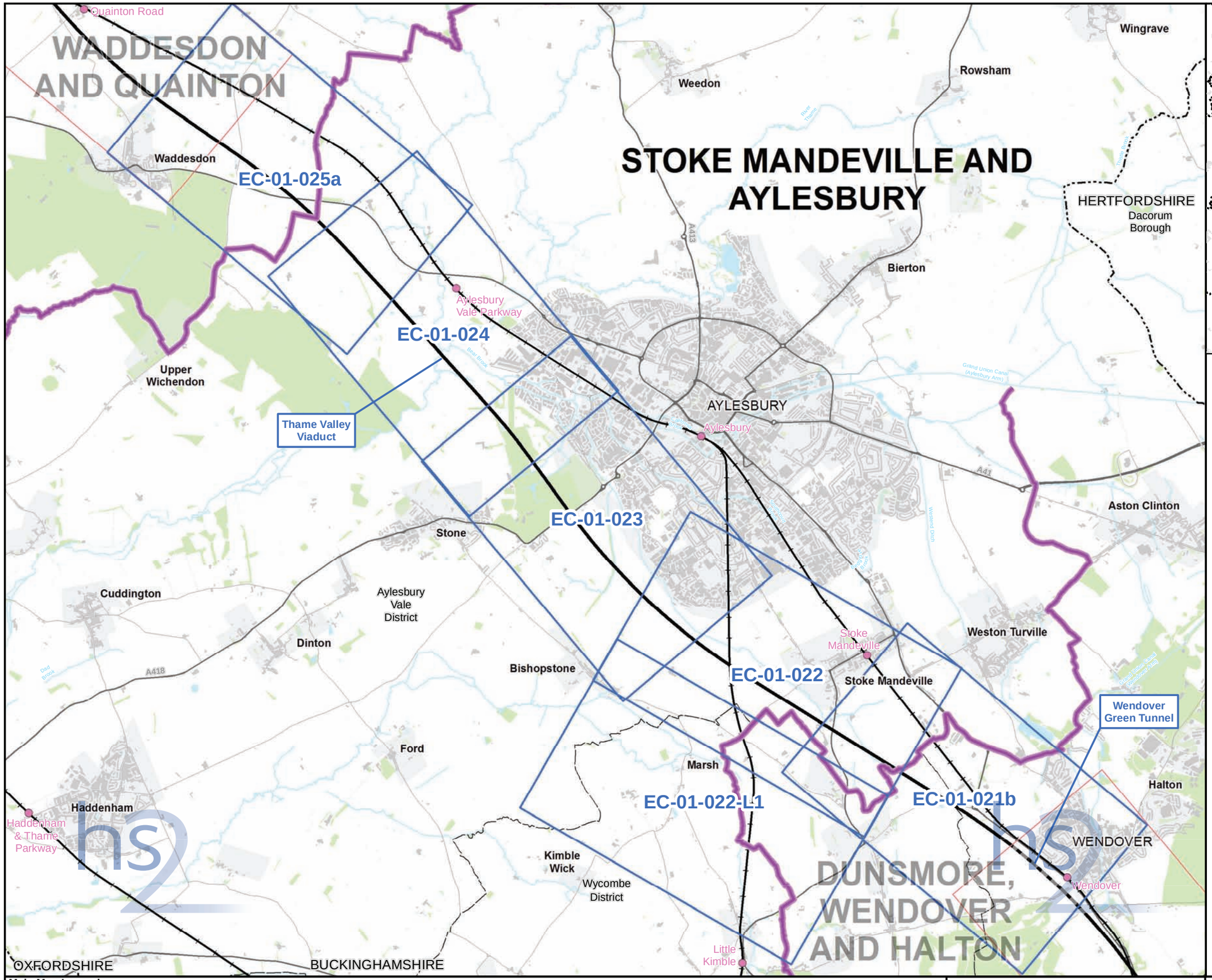
Legend features	Definition	Source	Copyright
Otter terrestrial habitat	Areas of terrestrial habitat within 100m of the Proposed Scheme that are identified as having 'high' potential to act as otter breeding sites (i.e. those ranked as having a score of 5 on the scale devised by Chanin).	High Speed Two (HS2) Ltd	
Phase 1 Habitat survey data	Results from Phase1 habitat surveys.	High Speed Two (HS2) Ltd	
Pond survey: Pond survey – national pond survey Pond survey – PSYM Pond survey – rapid assessment method	Location and type of pond surveys conducted.	High Speed Two (HS2) Ltd	
Reptiles - Population	Areas where a reptile survey was completed. Survey varies from population size class assessment, presence/absence survey or scoping visit only where it was then scoped out or it was identified as requiring further survey.	High Speed Two (HS2) Ltd	
Reptiles - Extent of areas subject to reptiles survey & results of population size class assessment	Identifies population size classes of adder, common lizard, grass snake and slow worm based on a scale from high, medium, low and absent.	High Speed Two (HS2) Ltd	
River corridor survey extent	Extent of river corridor surveys.	High Speed Two (HS2) Ltd	
River habitat survey extent	Extent of river habitat surveys.	High Speed Two (HS2) Ltd	
Route in tunnel Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Site of Biological Importance (SBI)	Local wildlife sites in Staffordshire are called Sites of Biological Importance (SBI) and Biodiversity Alert Sites (BAS). SBI are generally the best remaining examples within Staffordshire of habitats which rate highly on the basis of such factors as naturalness, diversity or rarity of species or communities. These sites are frequently the remnants of larger areas of semi-natural vegetation, which may not be either sufficiently extensive or undisturbed to warrant SSSI status but are important examples of characteristic or notable vegetation types or habitat complexes (sometimes with associated dependent plant or animal species). As such, they contribute the most significant element in the county's nature conservation resources. The SBI information is reproduced from, or based upon, information supplied by Staffordshire Ecological Record (SER) and reproduced with the permission of the SER Partnership. Individual records within the data are copyright their original recorders and provided under licence via SER. - All data supplied by SER is to the best of SER's knowledge correct at the time of production. However, the precision or accuracy of SER data is usually based upon the original information supplied by the recorder and although SER strives to ensure all records are checked and validated, SER cannot be held responsible for any errors or omissions - The presence of a marked boundary within SER information does not infer any right of public access.	Staffordshire Ecological Record	Copyright © Staffordshire Ecological Record Partnership, (2013).
Site of Borough (Grade I) Importance for Nature Conservation (SBI.I)	SINCs are designated by a panel of local ecological professionals. This is a non-statutory designation, although SINCs are still afforded a high level of protection within the planning system. Development that negatively impacts on a SINC will only be permitted in exceptional circumstances and where mitigation can be proven from the beginning. Sites of Borough Importance (grade 1) are selected from candidates	Greenspace Information for Greater London (GiGL)	GiGL data [2013].

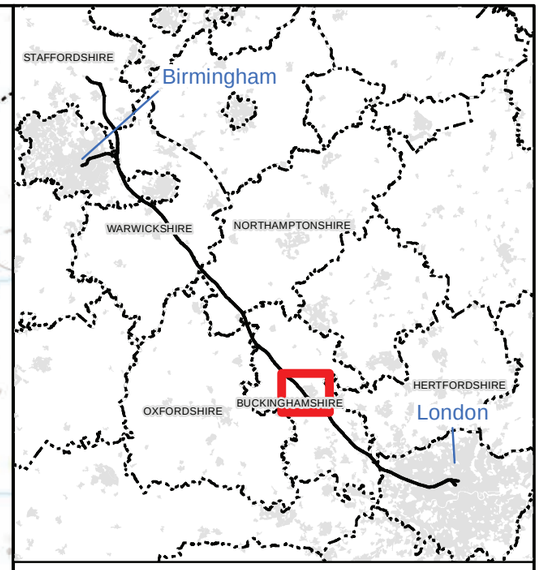
Legend features	Definition	Source	Copyright
	within each borough, so ensuring that borough has some sites identified.		
Site of Borough (Grade II) Importance for Nature Conservation (SBI.II)	SINCs are designated by a panel of local ecological professionals. This is a non-statutory designation, although SINCs are still afforded a high level of protection within the planning system. Development that negatively impacts on a SINC will only be permitted in exceptional circumstances and where mitigation can be proven from the beginning. Sites of Borough Importance (grade 2) are selected from candidates within each borough, so ensuring that borough has some sites identified.	Greenspace Information for Greater London (GiGL)	GiGL data (2013).
Site of Importance for Nature Conservation (SINC)	Also known as Local Wildlife Sites, these sites have a 'substantive nature conservation value'. They are defined areas, identified and selected locally for their nature conservation value, based on important, distinctive and threatened habitats and species with a national, regional and (importantly) a local context.	EcoRecord	Licensed in accordance with PSMA Crown Copyright and database rights 2012 Ordnance Survey Licence Number 1000049190.
Site of Local Importance for Nature Conservation (SLINC)	Also known as Local Wildlife Sites, these sites have a 'substantive nature conservation value'. They are defined areas, identified and selected locally for their nature conservation value, based on important, distinctive and threatened habitats and species with a national, regional and (importantly) a local context. The system in operation in London identifies three grades of SINC: Sites of Metropolitan Importance (SMI); Sites of Borough Importance (SBI); and Sites of Local Importance (SLI).	EcoRecord Greenspace Information for Greater London (GiGL)	Licensed in accordance with PSMA Crown Copyright and database rights 2012 Ordnance Survey Licence Number 1000049190. GiGL data (2013).
Site of Metropolitan Importance for Nature Conservation (SMI)	Sites of Metropolitan Importance are selected on a London-wide basis. These come under the umbrella designation of SINCs which are designated by a panel of local ecological professionals. This is a non-statutory designation, although SINCs are still afforded a high level of protection within the planning system. Development that negatively impacts on a SINC will only be permitted in exceptional circumstances and where mitigation can be proven from the beginning. Sites of Metropolitan Importance are selected on a London-wide basis.	Greenspace Information for Greater London (GiGL)	Licensed in accordance with PSMA Crown Copyright and database rights 2012 Ordnance Survey Licence Number 1000049190. GiGL data (2013).
Site of Special Scientific Interest (SSSI)	A Site of Special Scientific Interest (SSSI) is the land notified as an SSSI under the Wildlife and Countryside Act (1981), as amended.	Natural England	© Natural England copyright 2013 Contains Ordnance Survey data © Crown copyright and database right 2013. All rights reserved. Ordnance Survey Licence number 100022021. http://www.naturalengland.org.uk/Images/open-government-licence-NE-OS_tcm6-30743.pdf
Terrestrial invertebrate: Terrestrial invertebrate survey extent	Extent of terrestrial invertebrate survey.	High Speed Two (HS2) Ltd	
Water body	Based on Ordnance Survey Vector Map District.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Water vole: Water vole survey undertaken – presence confirmed Water vole survey undertaken – assumed absent Watercourse potentially suitable for water vole – no or limited access for survey	Extent of water vole survey. Those areas where access was available either had confirmed presence or water voles were assumed absent.	High Speed Two (HS2) Ltd	
Watercourse	The Detailed River Network (DRN) is the only large-scale, accurate and fully attributed digital river centreline covering England and Wales.	Environment Agency	Contains Environment Agency information © Environment Agency and database right.

Legend features	Definition	Source	Copyright
White clawed crayfish: Manual search and/or trapping conducted and presence confirmed Manual search and/or trapping conducted and assumed absent Site identified as potentially suitable but no access available	Location where white clawed crayfish survey was conducted. Location categorised as to whether presence was confirmed, assumed absent or no access was available.	High Speed Two (HS2) Ltd	
Wintering and passage birds - protection status: Species listed on Annex I of the Birds Directive Species listed on Schedule 1 of the Wildlife and Countryside Act Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act Species listed on Birds of Conservation Concern list relevant to assessment – see Volume 5 Appendices Other notable species relevant to assessment – see Volume 5 Appendices	Field survey records of selected protected and/or notable wintering birds that are considered most relevant in considering the impacts of the Proposed Scheme.	High Speed Two (HS2) Ltd	
Wintering and passage birds - survey extent	Area where wintering and passage birds survey was conducted.	High Speed Two (HS2) Ltd	
Woodland (not verified by survey) Woodland (verified by survey)	Woodland areas derived from Ordnance Survey mastermap data.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-01 – Designated Sites





Map Series Information:

This map series shows statutory and non-statutory sites for nature conservation located in the vicinity of the land required for the construction of the Proposed Scheme. They also show the location of Nature Reserves of the RSPB and Wildlife Trusts, and ancient woodland.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-01-INDEX-CFA11

Map Name: Index Map of: Designated Sites

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002791-P06.00

Date: 28/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

Weston Turville Reservoir

Grand Union Canal, Wendover Arm

Halton Hospital

World's End

Field South of World's End

WENDOVER

AYLESBURY VALE DISTRICT

WYCOMBE DISTRICT

Springfield Farm

Loudwater Farm

Stoke Mandeville Maintenance Loop

Stoke House

Mill House Farm

Grassland at North Lee

North Lee

Nash Lee

Coneycroft Farm

Wellwick Farm

Wendover Green Tunnel

Bacombe Hill

Bacombe & Coombe Hills

Bacombe Warren

For Continuation Refer to Map Number EC-01-022

For Continuation Refer to Map Number EC-01-020

55+000

56+000

57+000

54+000

WORLD'S END LANE

WENDOVER ROAD

AYLESBURY ROAD

A413

A4010

RISBOROUGH ROAD

NASH LEE ROAD

NASH LEE LANE

HALTON LANE

STATION APPROACH

DOBBINS LANE

THORNTON CRESCENT

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Biological Notification Sites (BNS)
- Nature reserve
- Ancient woodland

N.B. Due to the overlapping nature of some ecological designations, and the range of different site designations that occur across the route, individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-021b

Map Name: Designated Sites

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001889-P06.00

Date: 29/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

AYLESBURY

AYLESBURY VALE DISTRICT

Stoke Mandeville

Stoke Mandeville Maintenance Loop

Moat Farm

Stoke House

Mill House Farm

WYCOMBE DISTRICT

Bucks Goat Centre

Grassland at North Lee

North Lee

Standalls Farm

A4010 Stoke Mandeville Bypass Overbridge

Springfield Farm

Marsh Crossing

Bishopstone

Willowcroft

60+000

59+000

58+000

57+000

For Continuation Refer to Map Number EC-01-023

For Continuation Refer to Map Number EC-01-021b

For Continuation Refer to Map Number EC-01-022-L1

LOWER ROAD

BOWLER ROAD

CHURCHILL AVENUE

WENDOVER ROAD

STATION ROAD

RISBOROUGH ROAD

A4010

MARSH LANE

NORTH LEE LANE

BISHOPSTONE

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Biological Notification Sites (BNS)
- Nature reserve
- Ancient woodland

N.B. Due to the overlapping nature of some ecological designations, and the range of different site designations that occur across the route, individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-022

Map Name: Designated Sites

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

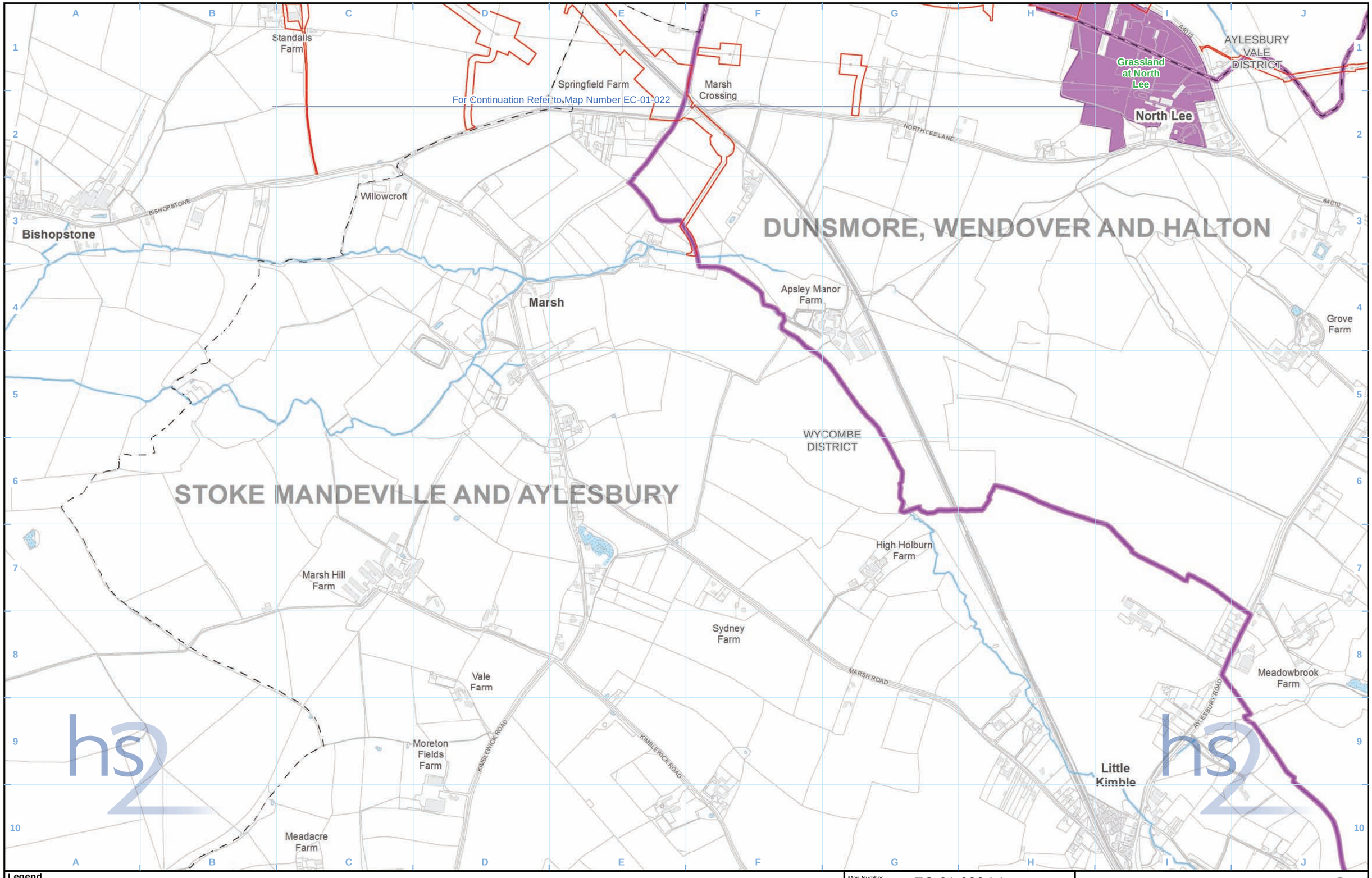
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001890-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Biological Notification Sites (BNS)
- Nature reserve
- Ancient woodland

N.B. Due to the overlapping nature of some ecological designations, and the range of different site designations that occur across the route, individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-022-L1

Map Name: Designated Sites

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

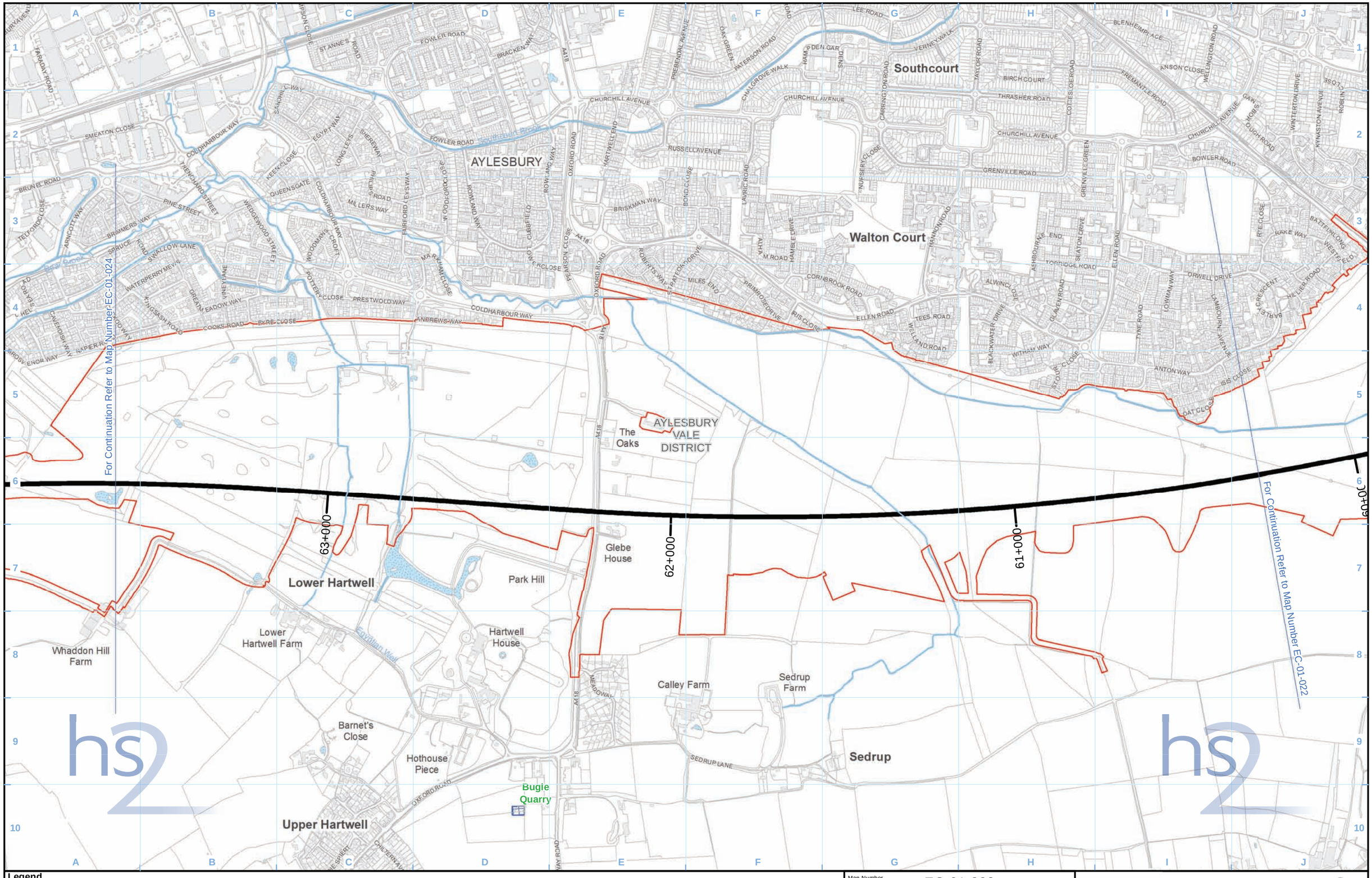
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001891-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Biological Notification Sites (BNS)
- Nature reserve
- Ancient woodland

N.B. Due to the overlapping nature of some ecological designations, and the range of different site designations that occur across the route, individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-023

Map Name: Designated Sites

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001892-P06.00

Date: 29/10/13

Quarrendon Fields
Berryfields
Billingsfield Cottages
Berryfields Farm
Haydon Hill
River Thame north of Aylesbury
AYLESBURY
Hunters Farm Industrial Estate
Fleet Marston
Wayside Farm
For Continuation Refer to Map Number EC-01-025a
Aylesbury Sewage Works
River Thame, south-east Putlowes
Putlowes Cottages
Putlowes
AYLESBURY VALE DISTRICT
Bear Brook
River Thame
67+000
66+000
65+000
64+000
For Continuation Refer to Map Number EC-01-023
Whaddon Hill Farm
Thame Valley Viaduct
Eythrope Park
Upper Cranwell Farm
Eythrope Park
Sheepcote Hill Farm

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Biological Notification Sites (BNS)
- Nature reserve
- Ancient woodland

N.B. Due to the overlapping nature of some ecological designations, and the range of different site designations that occur across the route, individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-024

Map Name: Designated Sites

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

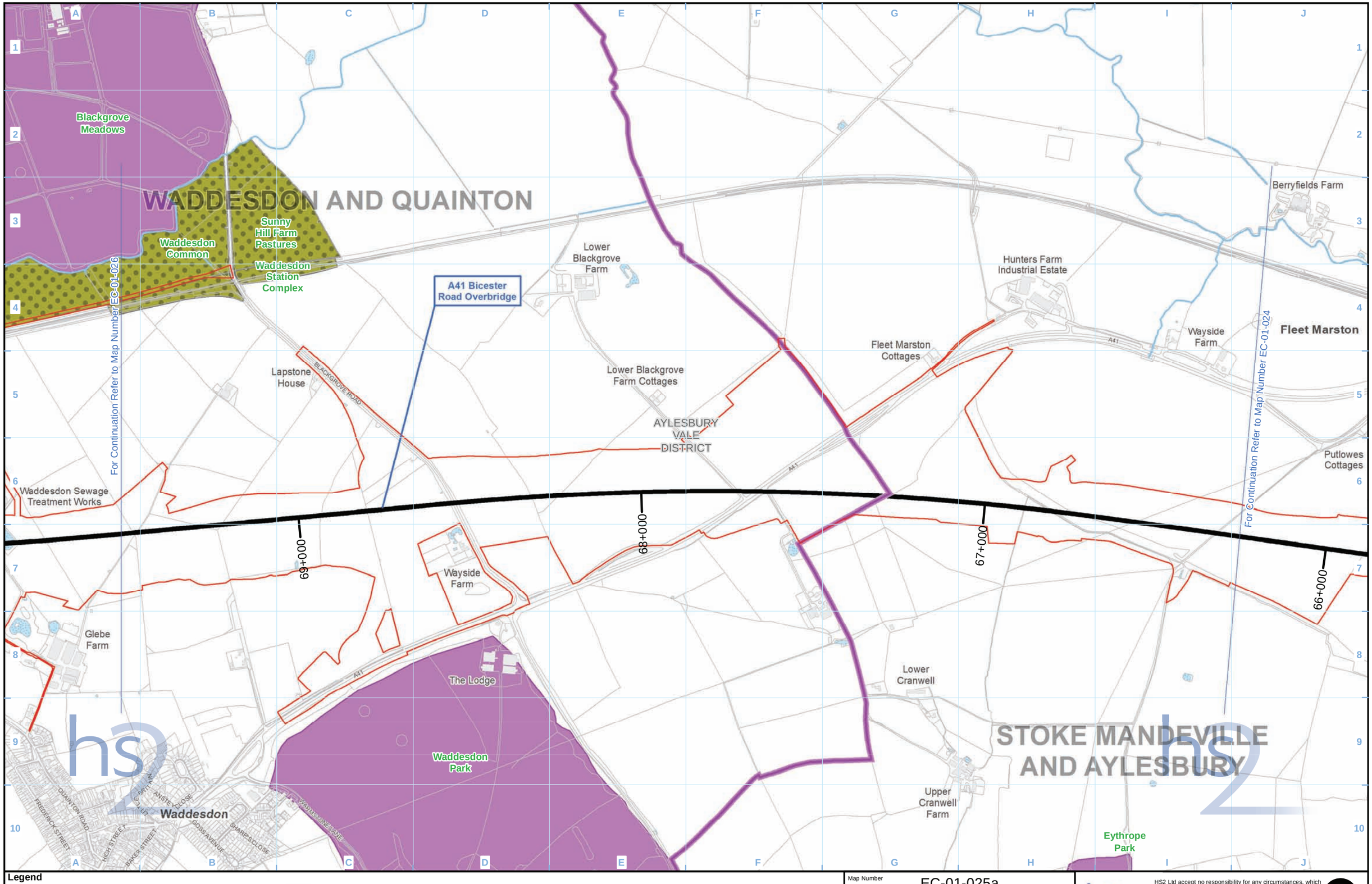
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001893-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Site of Special Scientific Interest (SSSI)
- Local Nature Reserve (LNR)
- Local Wildlife Site (LWS)
- Biological Notification Sites (BNS)
- Nature reserve
- Ancient woodland

N.B. Due to the overlapping nature of some ecological designations, and the range of different site designations that occur across the route, individual designations may on occasion be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum the ecological designation of highest value is visible.

Map Number: EC-01-025a

Map Name: Designated Sites

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

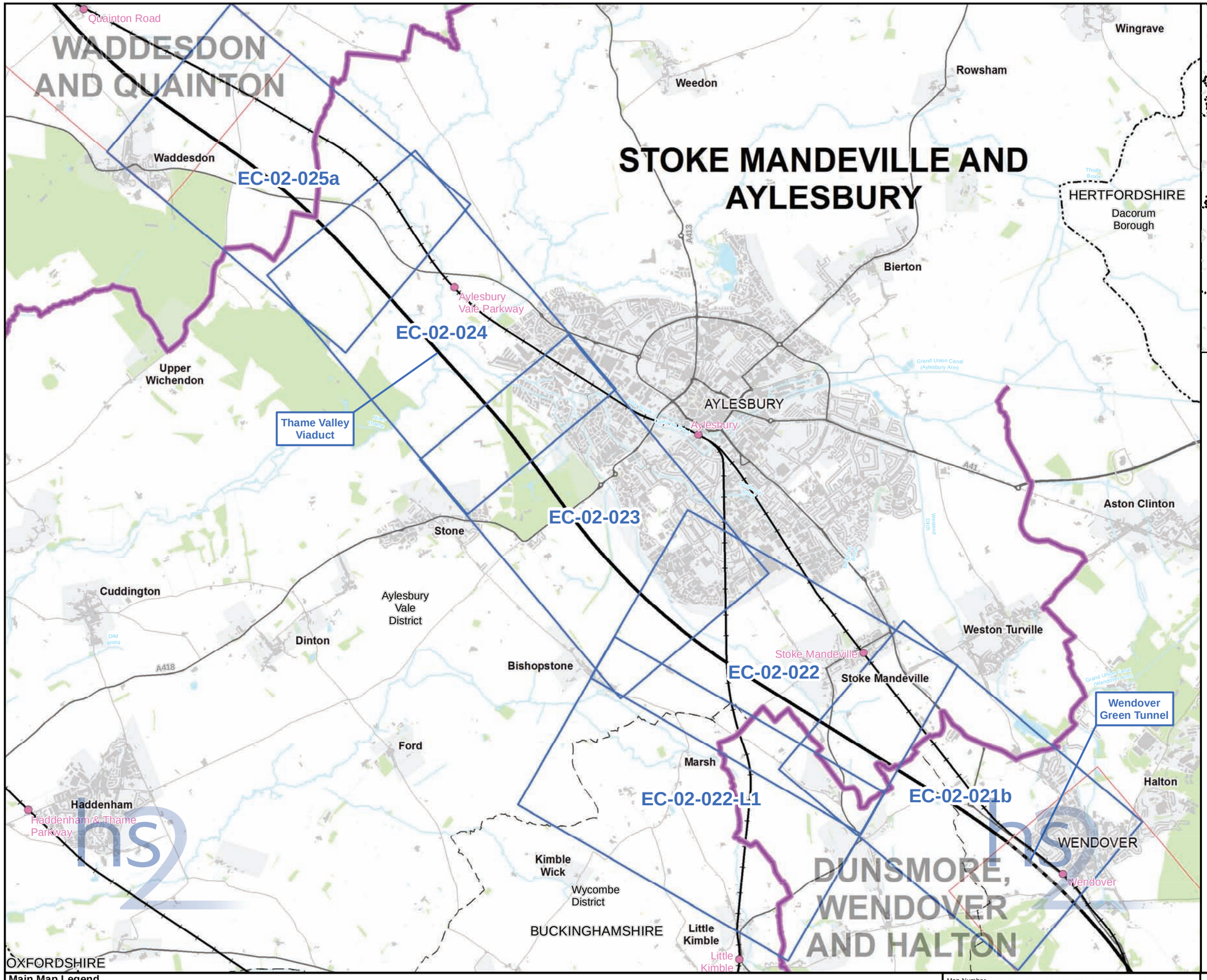
0 100 200 300 400 Metres

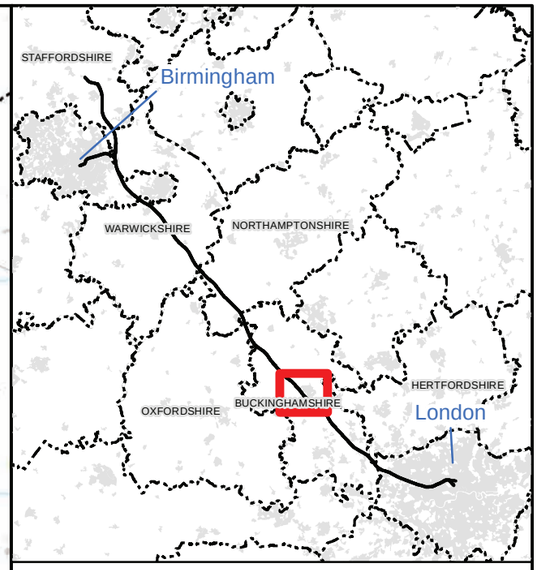
Doc Number: C252-ETM-EV-MAP-020-001894-P06.00

Date: 29/10/13

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-02 – Phase 1 Habitat (1:10,000)





Map Series Information:

This map series shows Phase 1 habitat survey information for land required and in the vicinity of the Proposed Scheme at a scale of 1:10,000. Where it has not been possible to gain access for field survey, the information is based on available desk study and interpretation of aerial photography.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-02-INDEX-CFA11

Map Name: Index Map of: Phase 1 Habitat (1:10,000)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002800-P06.00

Date: 28/10/13

Phase 1 Habitat survey legend

Habitat Areas

- Broadleaved woodland - semi-natural
- Broadleaved woodland - plantation
- Coniferous woodland - semi-natural
- Coniferous woodland - plantation
- Mixed woodland - semi-natural
- Mixed woodland - plantation
- Scrub - dense/continuous
- Scrub - scattered
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Mixed parkland/scattered trees
- Broadleaved woodland - recently felled
- Mixed woodland - recently felled
- Acid grassland - unimproved
- Acid grassland - semi-improved
- Neutral grassland - unimproved
- Neutral grassland - semi-improved
- Calcareous grassland - unimproved
- Calcareous grassland - semi-improved
- Improved grassland
- Marsh/marshy grassland
- Poor semi-improved grassland
- Bracken - continuous
- Bracken - scattered
- Upland species-rich ledges
- Other tall herb and fern - ruderal
- Other tall herb and fern - non ruderal
- Dry dwarf shrub heath - acid
- Lichen/bryophyte heath
- Dry heath/acid grassland
- Wet modified bog
- Fen - valley mire
- Swamp
- Marginal and inundation - inundation vegetation
- Standing water
- Standing water - eutrophic
- Standing water - mesotrophic
- Running water
- Limestone pavement
- Other exposure - basic
- Cave
- Quarry
- Spoil
- Refuse-tip
- Cultivated/disturbed land - arable
- Cultivated/disturbed land - amenity grassland
- Cultivated/disturbed land - ephemeral/short perennial
- Introduced shrub
- Intact hedge - native species-rich
- Intact hedge - species-poor
- Defunct hedge - native species-rich
- Defunct hedge - species-poor
- Hedge with trees - native species-rich
- Hedge with trees - species-poor
- Fence
- Wall
- Dry ditch
- Boundary removed
- Earth bank
- Caravan site
- Buildings
- Bare ground
- Other habitat

Linear Habitats

- Scrub - scattered
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Mixed parkland/scattered trees
- Upland species-rich ledges
- Marginal and inundation - marginal vegetation
- Running water
- Intact hedge - native species-rich
- Intact hedge - species-poor
- Defunct hedge - native species-rich
- Defunct hedge - species-poor
- Hedge with trees - native species-rich
- Hedge with trees - species-poor
- Fence
- Wall
- Dry ditch
- Boundary removed
- Earth bank

Point Habitats

- Scrub - scattered
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Bracken - scattered

Map Name
EC-02 - Legend

Map Name
EC-02 - Phase 1 Habitat Survey Legend

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013.
Ordnance Survey Licence Number 100049190.

Doc Number: C250-ARP-EV-MAP-000-004054

Date: 26/09/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

For Continuation Refer to Map Number EC-02-022

For Continuation Refer to Map Number EC-02-020

World's End

Springfield Farm

AYLESBURY VALE DISTRICT

WENDOVER

Loudwater Farm

Stoke Mandeville Maintenance Loop

Stoke House

Mill House Farm

WYCOMBE DISTRICT

Nash Lee

North Lee

Coneycroft Farm

Wellwick Farm

Wendover Green Tunnel

Bacombe Hill

55+000

56+000

57+000

54+000

WORLD'S END LANE

WENDOVER ROAD

AYLESBURY ROAD

STATION APPROACH

THORNTON CRESCENT

DOBBINS LANE

RISBOROUGH ROAD

NASH LEE ROAD

NORTH LEE LANE

WENDOVER ROAD

A413

A4010

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

For full legend please refer to EC-02 - Legend page

Map Number	EC-02-021b
Map Name	Phase 1 Habitat (1:10,000)
	Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

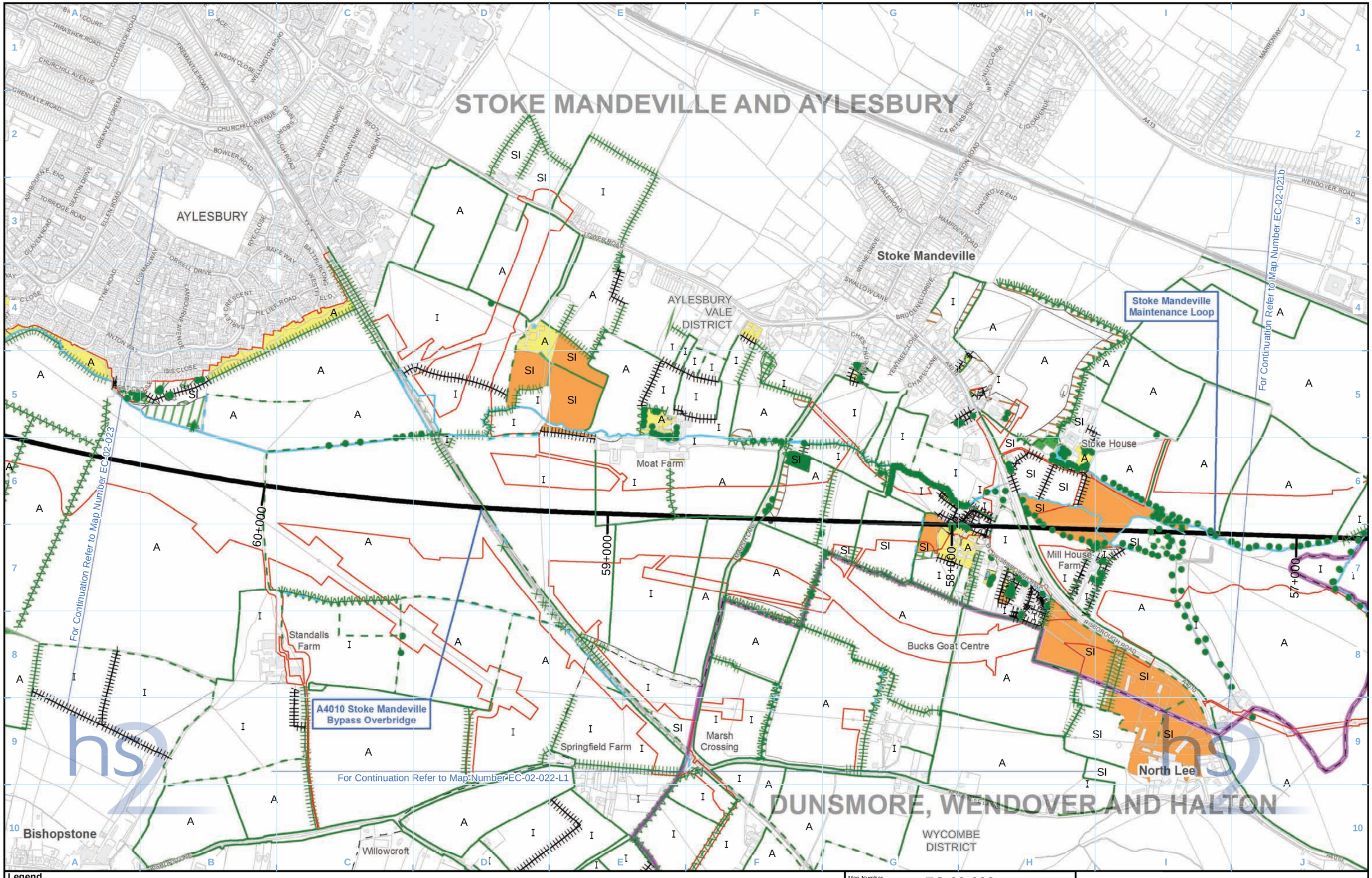
0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001928-P06.00

Date: 29/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

For full legend please refer to EC-02 - Legend page

Map Number: EC-02-022

Map Name: Phase 1 Habitat (1:10,000)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001929-P06.00

Date: 29/10/13

For Continuation Refer to Map Number EC-02-022

DUNSMORE, WENDOVER AND HALTON

STOKE MANDEVILLE AND AYLESBURY

AYLESBURY VALE A DISTRICT

WYCOMBE DISTRICT

Standalls Farm
Springfield Farm
Marsh Crossing
North Lee
Bishopstone
Willowcroft
Marsh
Apsley Manor Farm
Grove Farm
High Holburn Farm
Marsh Hill Farm
Sydney Farm
Vale Farm
Moreton Fields Farm
Meadacre Farm
Meadowbrook Farm
Little Kimble

NORTH LEE LANE
MARSH ROAD
KIMBLEWICK ROAD
AYLESBURY ROAD

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

For full legend please refer to EC-02 - Legend page

Map Number: EC-02-022-L1

Map Name: Phase 1 Habitat (1:10,000)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

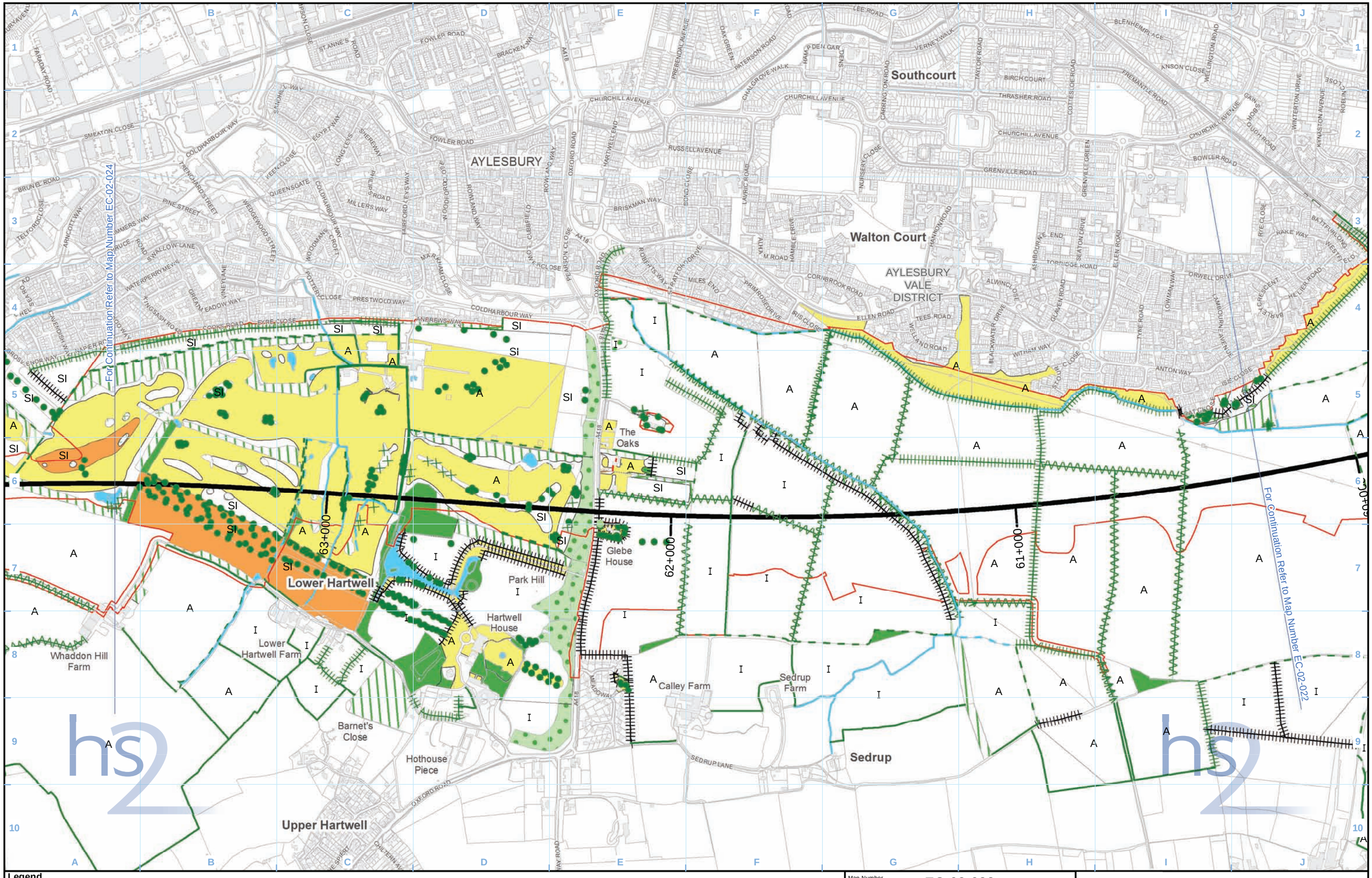
© Crown copyright and database rights 2013.
Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001930-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

For full legend please refer to EC-02 - Legend page

Map Number: EC-02-023

Map Name: Phase 1 Habitat (1:10,000)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

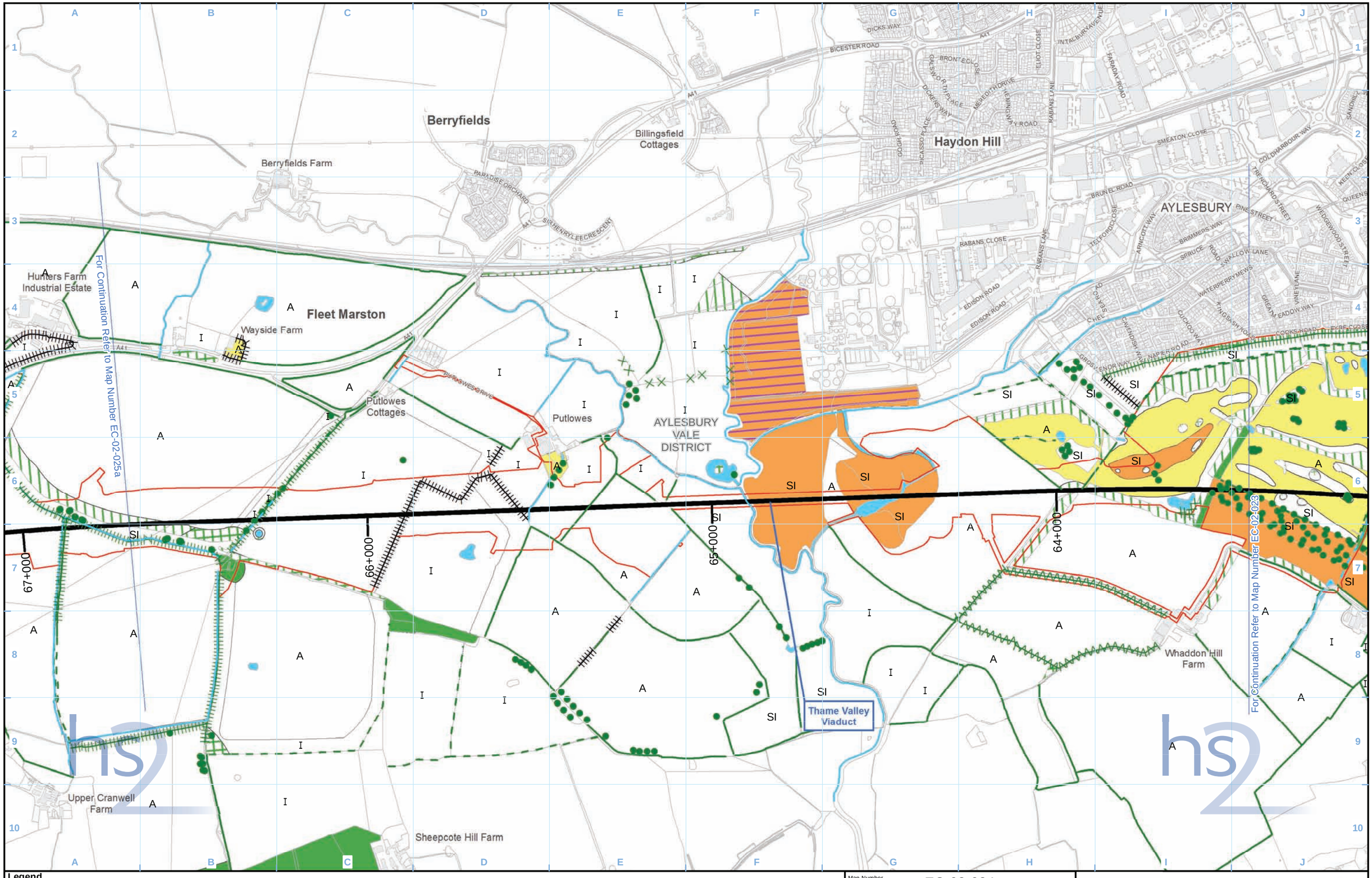
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001931-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

For full legend please refer to EC-02 - Legend page

Map Number: EC-02-024

Map Name: Phase 1 Habitat (1:10,000)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-001932-P06.00

Date: 29/10/13

STOKE MANDEVILLE AND AYLESBURY

WADDESDON AND QUAINTON

AYLESBURY VALE DISTRICT

For Continuation Refer to Map Number EC-02-026

For Continuation Refer to Map Number EC-02-024

A41 Bicester Road Overbridge

Lower Blackgrove Farm

Lower Blackgrove Farm Cottages

Lapstone House

Hunters Farm Industrial Estate

Berryfields Farm

Fleet Marston

Fleet Marston Cottages

Wayside Farm

Putlowes Cottages

Waddesdon Sewage Treatment Works

Glebe Farm

Wayside Farm

The Grand Lodge

Lower Cranwell

Upper Cranwell Farm

Waddesdon

66+000

67+000

68+000

69+000

A41

BLACKGROVE ROAD

QUAINTON ROAD

FREDERICK STREET

HIGH STREET

BAKER STREET

GOSS AVENUE

SHARPS CLOSE

WARMSTONE LANE

ANSTE CLOSE

ST. FRITH'S WAY

hs2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary

For full legend please refer to EC-02 - Legend page

Map Number: EC-02-025a

Map Name: Phase 1 Habitat (1:10,000)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

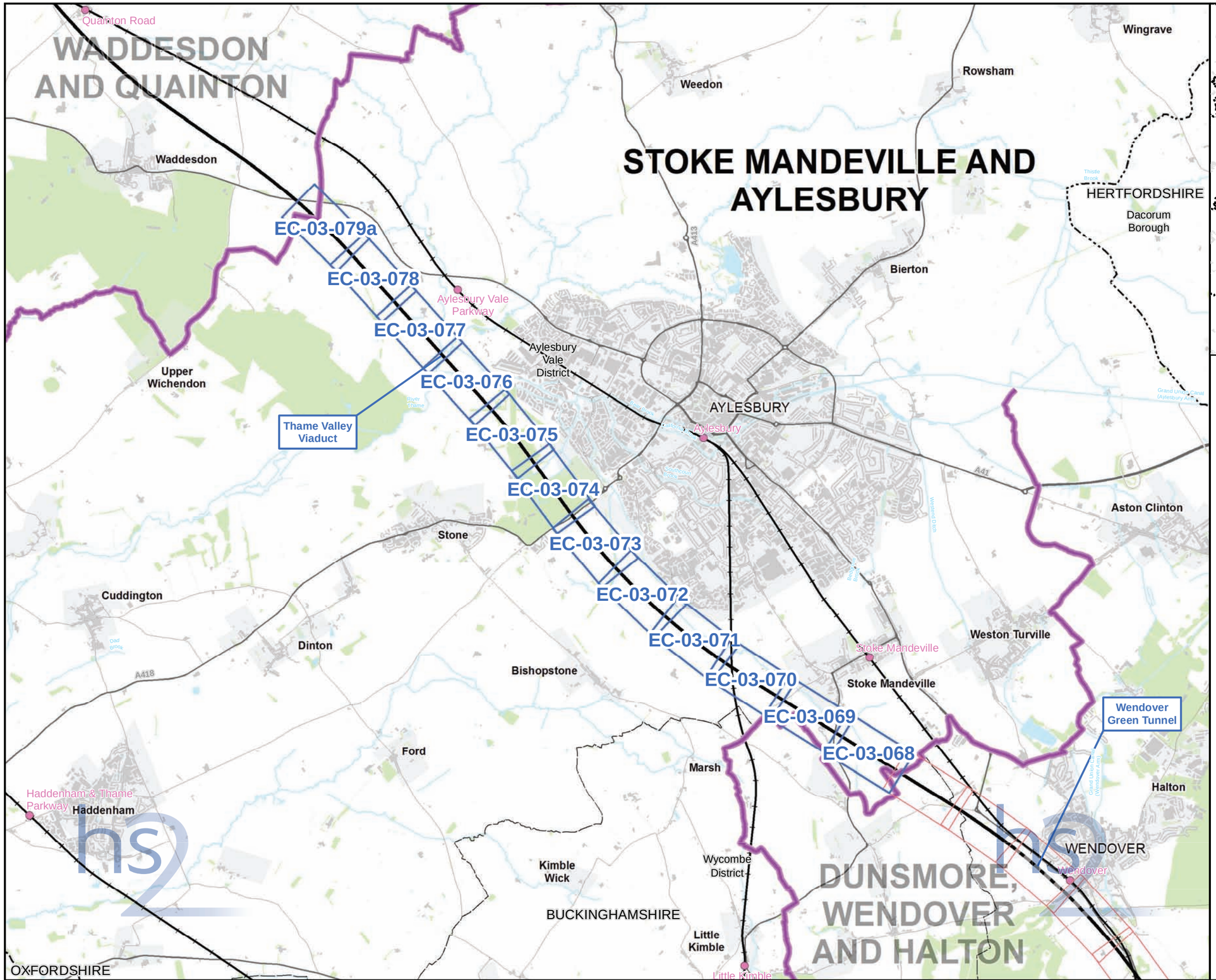
Doc Number: C252-ETM-EV-MAP-020-001933-P06.00

Date: 29/10/13

This page is left intentionally blank

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-03 – Phase 1 Habitat (1:2,500)



Map Series Information:

This map series shows Phase 1 habitat survey information for land required and in the vicinity of the construction of the Proposed Scheme at a scale of 1:2,500. Where it has not been possible to gain access for field survey the information is based on available desk study and interpretation of aerial photography. This map series is only provided at those locations where a larger scale is required.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-03-INDEX-CFA11

Map Name: Index Map of: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002809-P06.00

Date: 24/10/13

Phase 1 Habitat survey legend

Habitat Areas

- Broadleaved woodland - semi-natural
- Broadleaved woodland - plantation
- Coniferous woodland - semi-natural
- Coniferous woodland - plantation
- Mixed woodland - semi-natural
- Mixed woodland - plantation
- Scrub - dense/continuous
- Scrub - scattered
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Mixed parkland/scattered trees
- Broadleaved woodland - recently felled
- Mixed woodland - recently felled
- Acid grassland - unimproved
- Acid grassland - semi-improved
- Neutral grassland - unimproved
- Neutral grassland - semi-improved
- Calcareous grassland - unimproved
- Calcareous grassland - semi-improved
- Improved grassland
- Marsh/marshy grassland
- Poor semi-improved grassland
- Bracken - continuous
- Bracken - scattered
- Upland species-rich ledges
- Other tall herb and fern - ruderal
- Other tall herb and fern - non ruderal
- Dry dwarf shrub heath - acid
- Lichen/bryophyte heath
- Dry heath/acid grassland
- Wet modified bog
- Fen - valley mire
- Swamp
- Marginal and inundation - inundation vegetation
- Standing water
- Standing water - eutrophic
- Standing water - mesotrophic
- Running water
- Limestone pavement
- Other exposure - basic
- Cave
- Quarry
- Spoil
- Refuse-tip
- Cultivated/disturbed land - arable
- Cultivated/disturbed land - amenity grassland
- Cultivated/disturbed land - ephemeral/short perennial
- Introduced shrub
- Intact hedge - native species-rich
- Intact hedge - species-poor
- Defunct hedge - native species-rich
- Defunct hedge - species-poor
- Hedge with trees - native species-rich
- Hedge with trees - species-poor
- Fence
- Wall
- Dry ditch
- Boundary removed
- Earth bank
- Caravan site
- Buildings
- Bare ground
- Other habitat

Linear Habitats

- Scrub - scattered
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Mixed parkland/scattered trees
- Upland species-rich ledges
- Marginal and inundation - marginal vegetation
- Running water
- Intact hedge - native species-rich
- Intact hedge - species-poor
- Defunct hedge - native species-rich
- Defunct hedge - species-poor
- Hedge with trees - native species-rich
- Hedge with trees - species-poor
- Fence
- Wall
- Dry ditch
- Boundary removed
- Earth bank

Point Habitats

- Scrub - scattered
- Broadleaved parkland/scattered trees
- Coniferous parkland/scattered trees
- Bracken - scattered

Map Name
EC-03 - Legend

Map Name
EC-03 - Phase 1 Habitat Survey Legend

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013.
Ordnance Survey Licence Number 100049190.

Doc Number: C250-ARP-EV-MAP-000-004055

Date: 26/09/13

Stoke House

Stoke Mandeville Maintenance Loop

AYLESBURY VALE DISTRICT

Mill House Farm

WYCOMBE DISTRICT

RISBOROUGH ROAD

57+000

For Continuation Refer to Map Number EC-03-069

For Continuation Refer to Map Number EC-03-067

STOKE MANDEVILLE AND AYLESBURY

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-068

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Doc Number: C252-ETM-EV-MAP-020-001962-P06.00

Date: 29/10/13

Squirrel Farm

Brook Farm

Whitethorn Farm

AYLESBURY VALE DISTRICT

WYCOMBE DISTRICT

Bucks Goat Centre

MARSH LANE

OLD RISBOROUGH ROAD

58+000

For Continuation Refer to Map Number EC-03-070

For Continuation Refer to Map Number EC-03-068

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-069

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001963-P06.00

Date: 29/10/13

A4010 Stoke Mandeville Bypass Overbridge

AYLESBURY VALE DISTRICT

WYCOMBE DISTRICT

59+000

For Continuation Refer to Map Number EC-03-069

For Continuation Refer to Map Number EC-03-071

MARSH LANE

SI

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-070

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

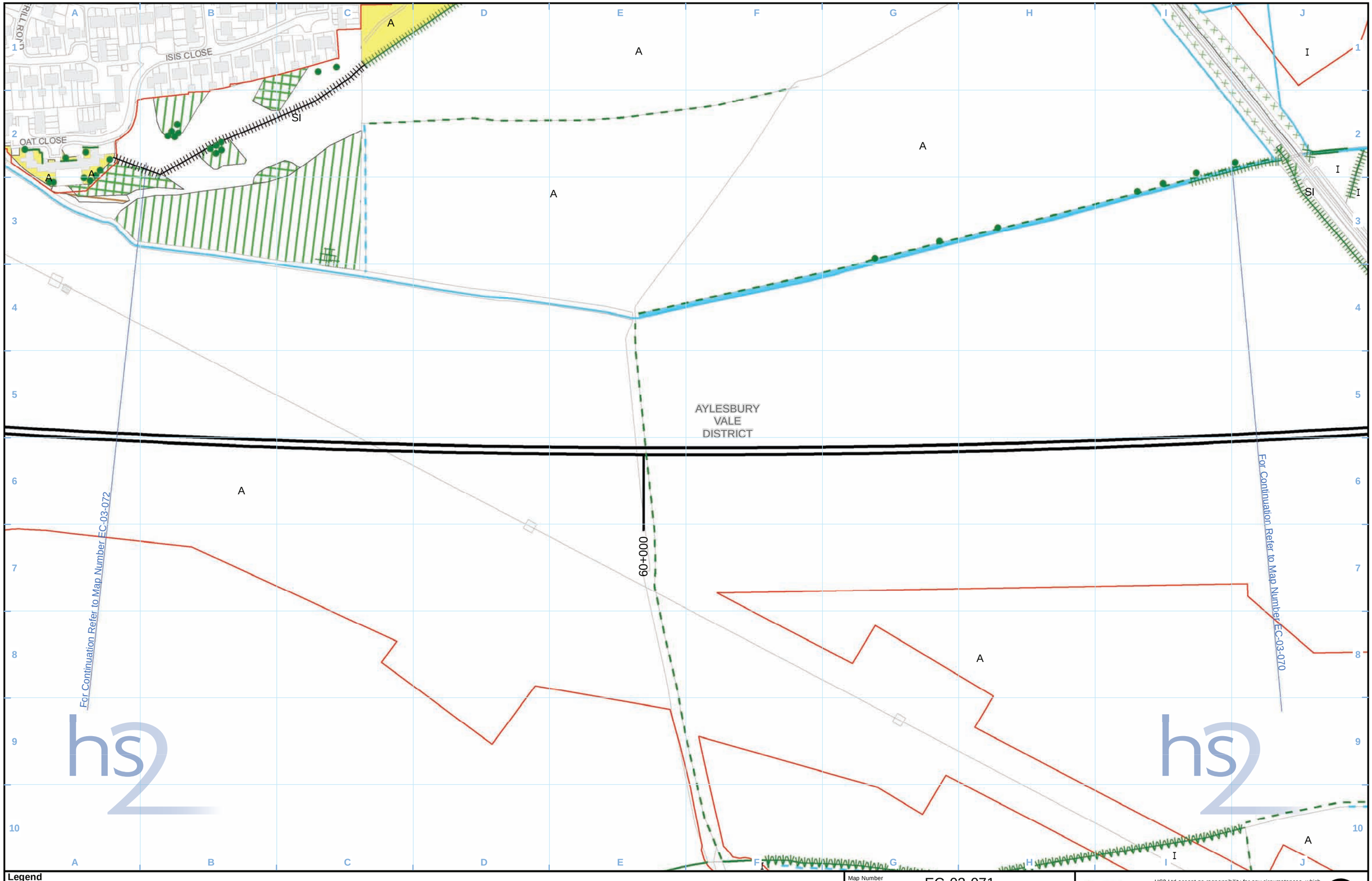
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001964-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-071

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

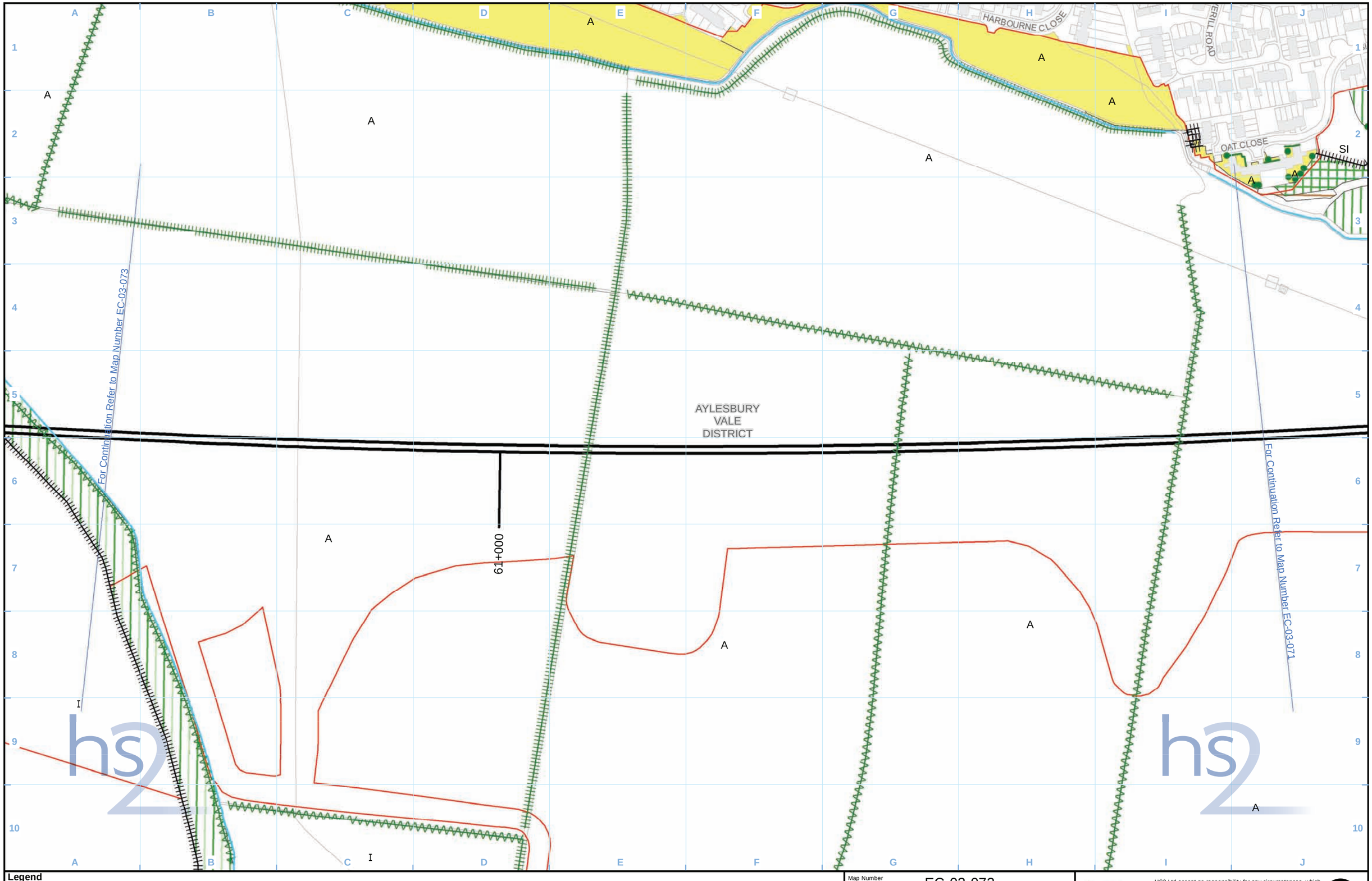
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001965-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-072

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

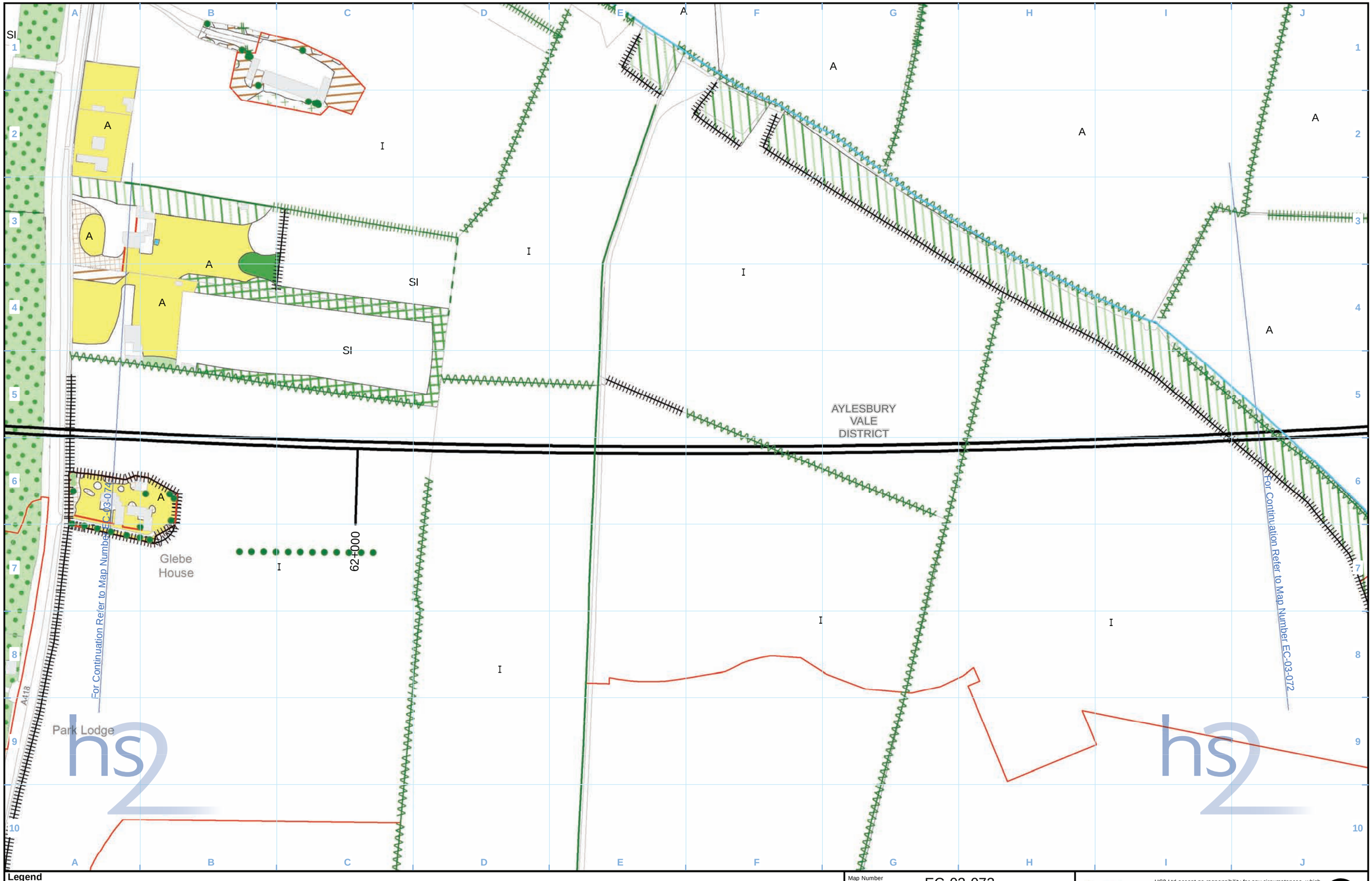
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001966-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-073

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

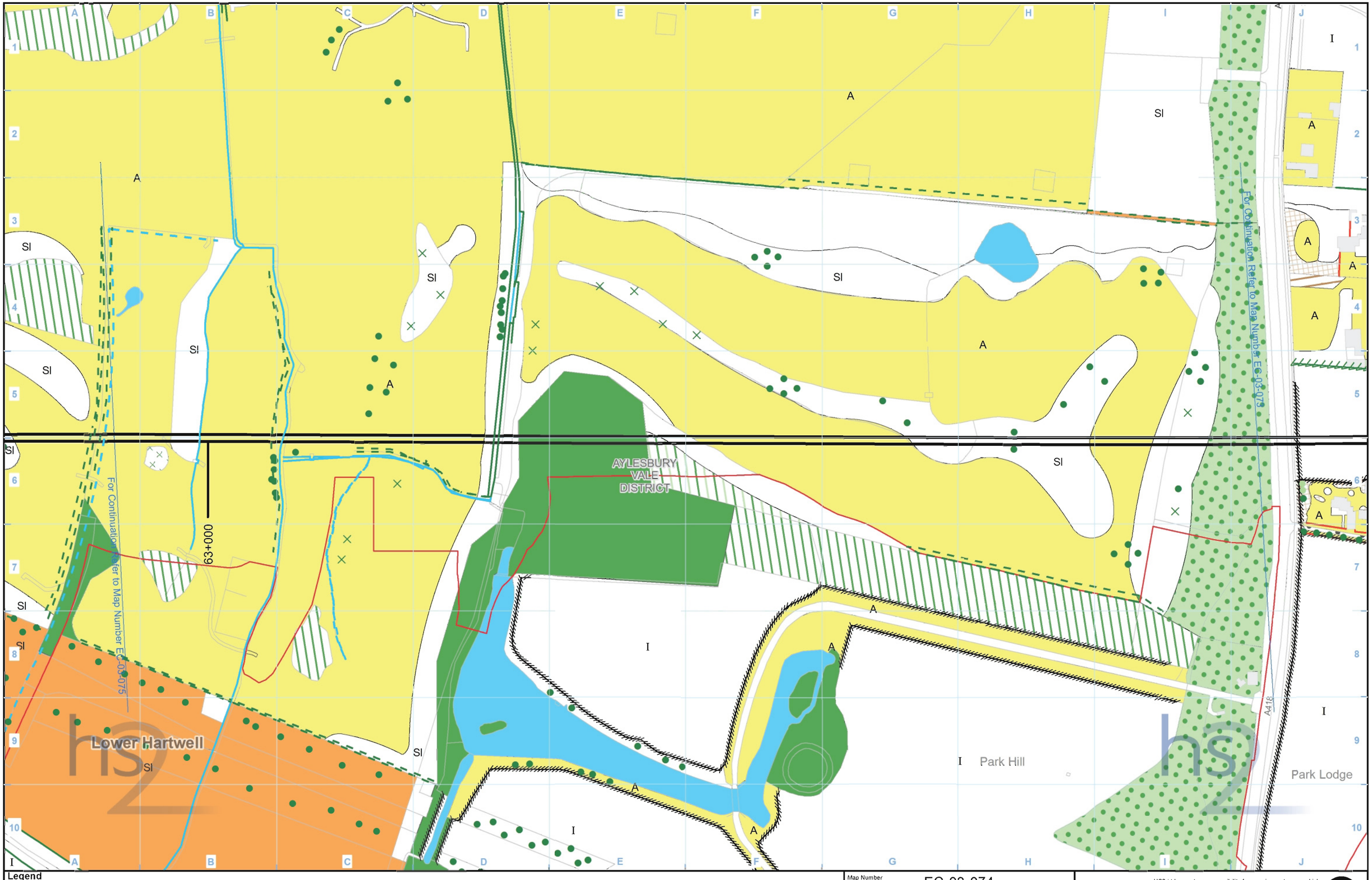
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001967-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-074

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001968-P06.00

Date: 25/10/13

Aylesbury Park Golf Club

AYLESBURY VALE DISTRICT

For Continuation Refer to Map Number EC-03-076

For Continuation Refer to Map Number EC-03-074

64+000

SI

A

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-075

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001969-P06.00

Date: 29/10/13

AYLESBURY VALE DISTRICT

Thame Valley Viaduct

For Continuation Refer to Map Number EC-03-077

For Continuation Refer to Map Number EC-03-075

SI

A

I

647+000

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-076

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

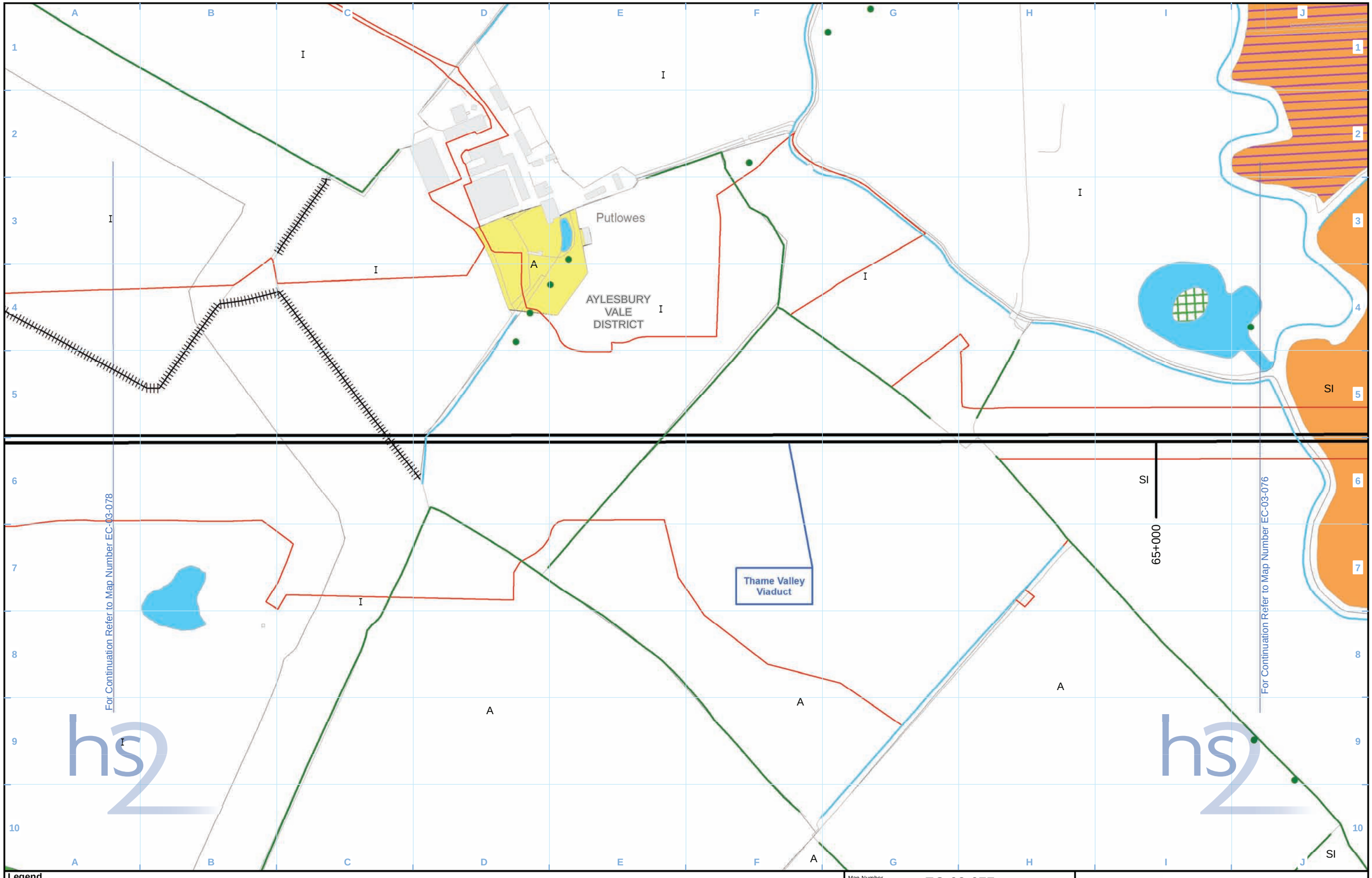
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001970-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-077

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

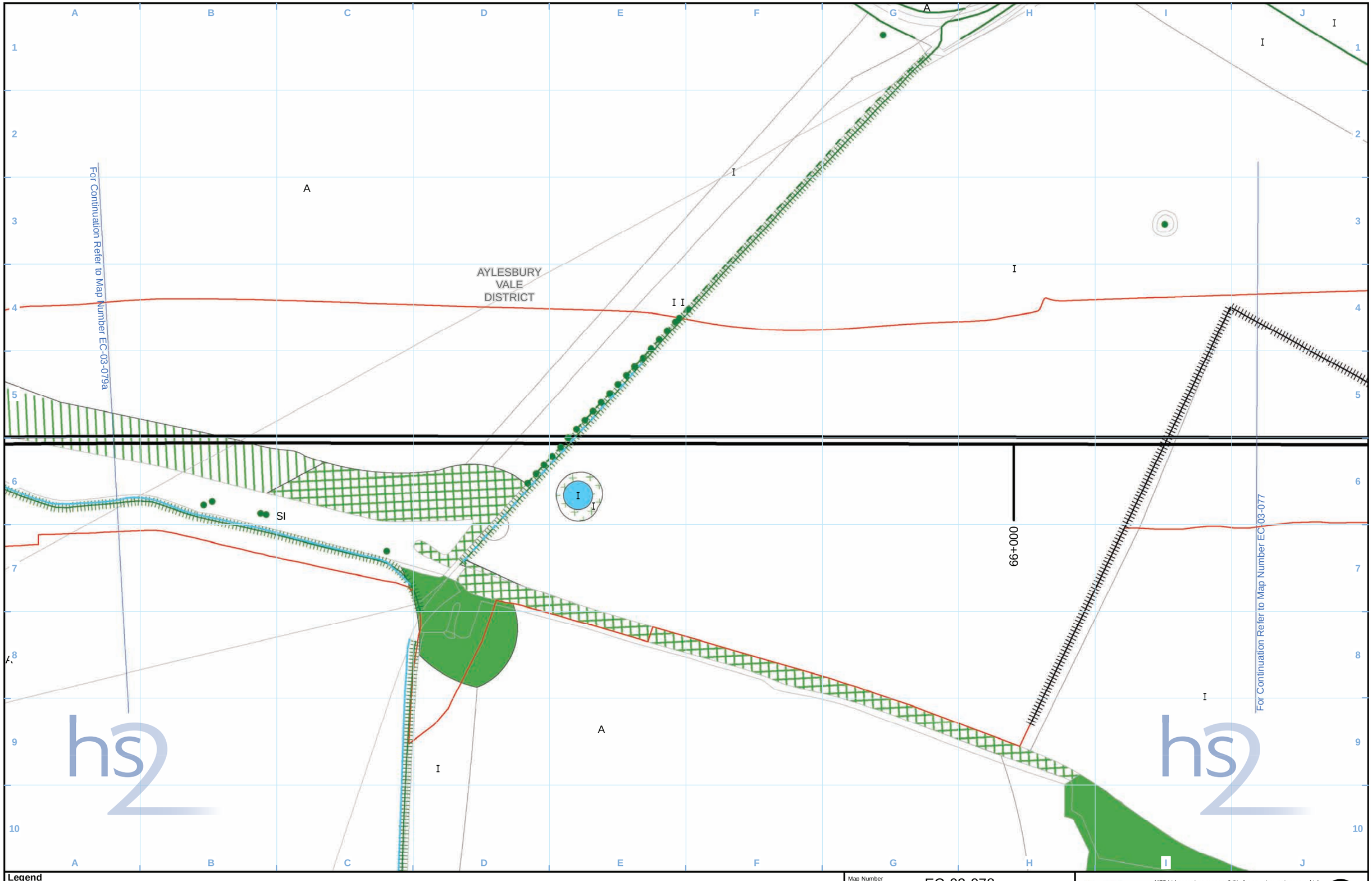
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001971-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-078

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

Doc Number: C252-ETM-EV-MAP-020-001972-P06.00

Date: 29/10/13

WADDESDON AND QUAINTON

STOKE MANDEVILLE AND AYLESBURY

AYLESBURY VALE DISTRICT

A41

67+000

For Continuation Refer to Map Number EC-03-078

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary

For full legend please refer to EC-03 - Legend page

Map Number: EC-03-079a

Map Name: Phase 1 Habitat (1:2,500)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:2,500

0 25 50 75 100 Metres

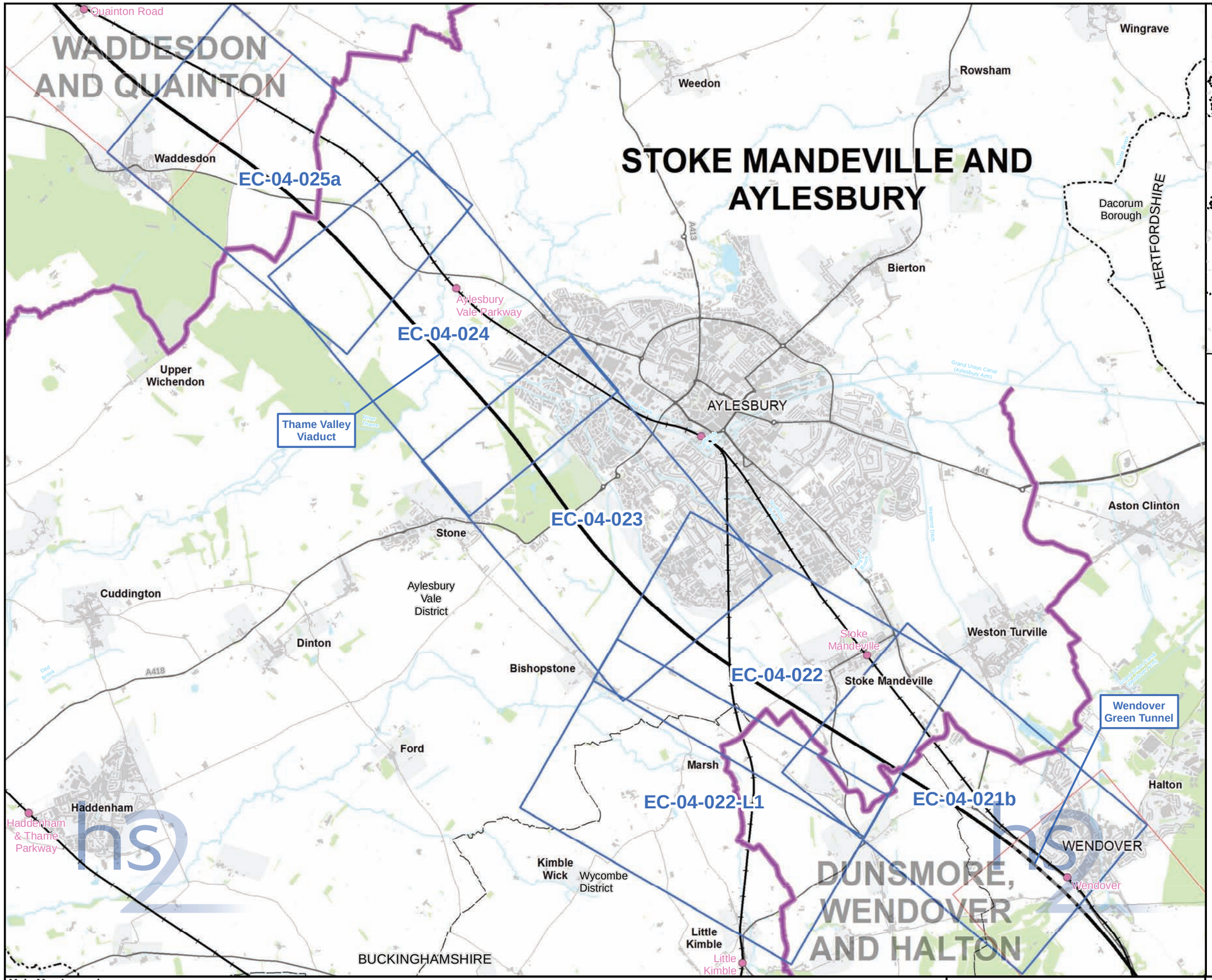
Doc Number: C252-ETM-EV-MAP-020-001973-P06.00

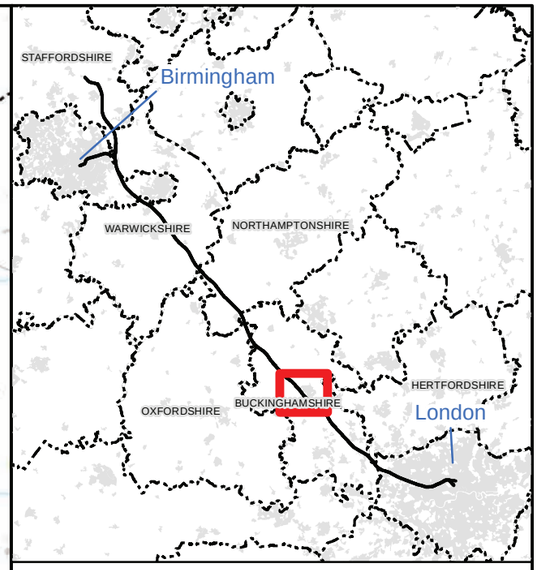
Date: 29/10/13

This page is left intentionally blank

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-04 – Amphibians





Map Series Information:

This map series shows the results of amphibian surveys conducted to inform the Environmental Assessment. It principally details the results of great crested newt surveys conducted. In addition it shows the location of those 'exceptional' populations of common amphibians recorded.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-04-INDEX-CFA11

Map Name: Index Map of: Amphibians

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002818-P06.00

Date: 24/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

World's End
Springfield Farm
Loudwater Farm
AYLESBURY VALE DISTRICT
WENDOVER
Stoke Mandeville Maintenance Loop
Stoke House
Mill House Farm
WYCOMBE DISTRICT
Nash Lee
North Lee
Wellwick Farm
Wendover Green Tunnel
Coneycroft Farm
Bacombe Hill
020-AA1-055002
55+000
56+000
57+000
54+000
For Continuation Refer to Map Number EC-04-022
For Continuation Refer to Map Number EC-04-020

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Great Crested Newts present (6 visits) - medium population (11 - 99 adults)
- Survey complete, Great Crested Newts assumed absent
- Survey incomplete, no Great Crested Newts found
- Scoped in - Habitat Suitability Index (HSI)/walkover only
- Scoped in - no access permission
- Scoped out - no survey required
- 50m radius from all water bodies where presence of Great Crested Newts is confirmed
- 250m radius from all water bodies where presence of Great Crested Newts is confirmed
- 500m radius from all water bodies where presence of Great Crested Newts is confirmed

Map Number: EC-04-021b

Map Name: Amphibians

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002028-P06.00

Date: 29/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

AYLESBURY

Stoke Mandeville

AYLESBURY VALE DISTRICT

WYCOMBE DISTRICT

Stoke Mandeville Maintenance Loop

A4010 Stoke Mandeville Bypass Overbridge

Moat Farm

Stoke House

Mill House Farm

Bucks Goat Centre

Standalls Farm

Springfield Farm

Marsh Crossing

North Lee

Bishopstone

Willowcroft

59+000

60+000

58+000

57+000

For Continuation Refer to Map Number EC-04-023

For Continuation Refer to Map Number EC-04-021b

For Continuation Refer to Map Number EC-04-022-L1

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Survey complete, Great Crested Newts assumed absent
- Survey incomplete, no Great Crested Newts found
- Scoped in - Habitat Suitability Index (HSI)/walkover only
- Scoped in - no access permission
- Scoped out - no survey required

Map Number: EC-04-022

Map Name: Amphibians

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

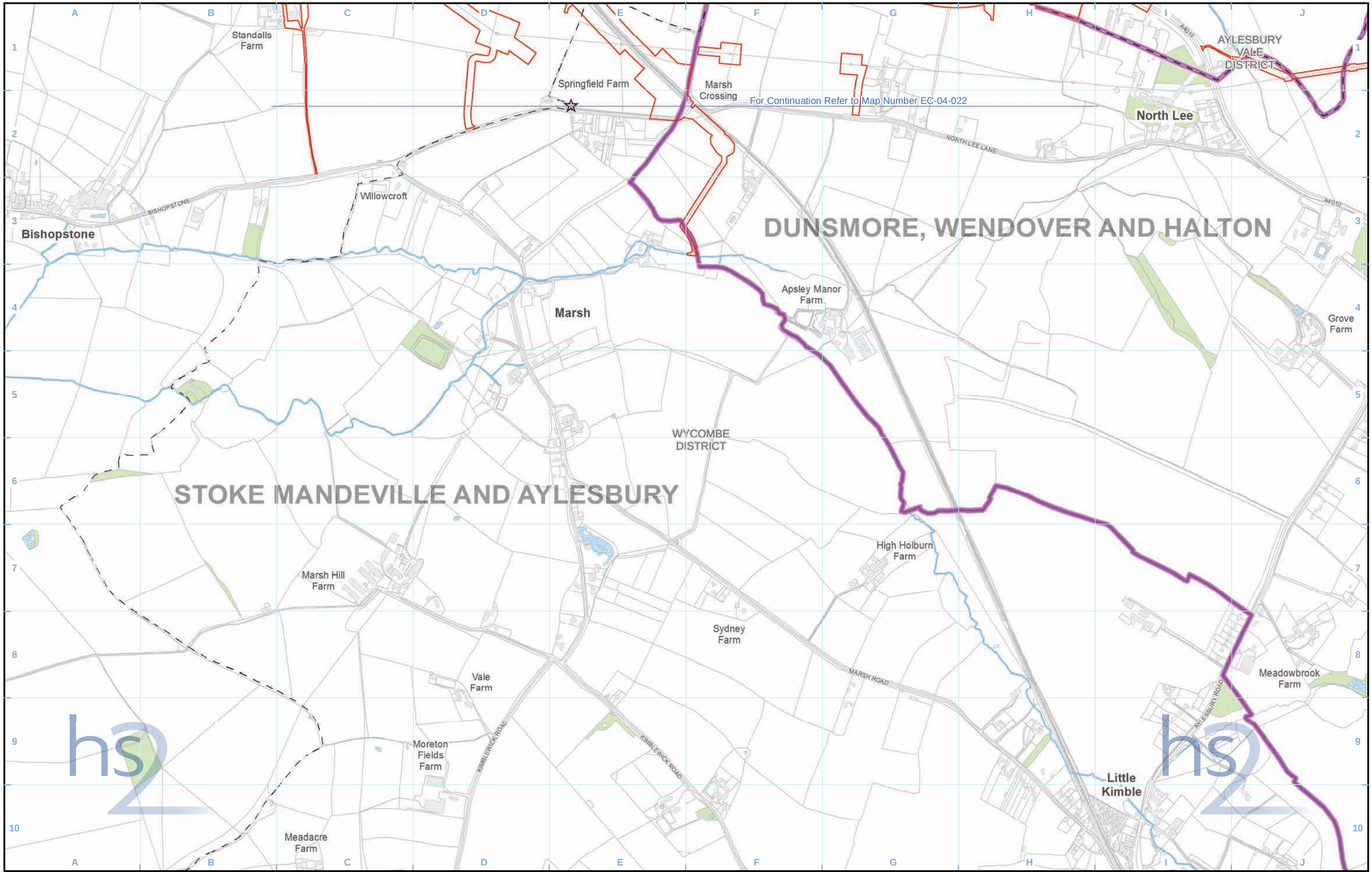
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002029-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Scoped in - no access permission

Map Number: EC-04-022-L1

Map Name: Amphibians

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

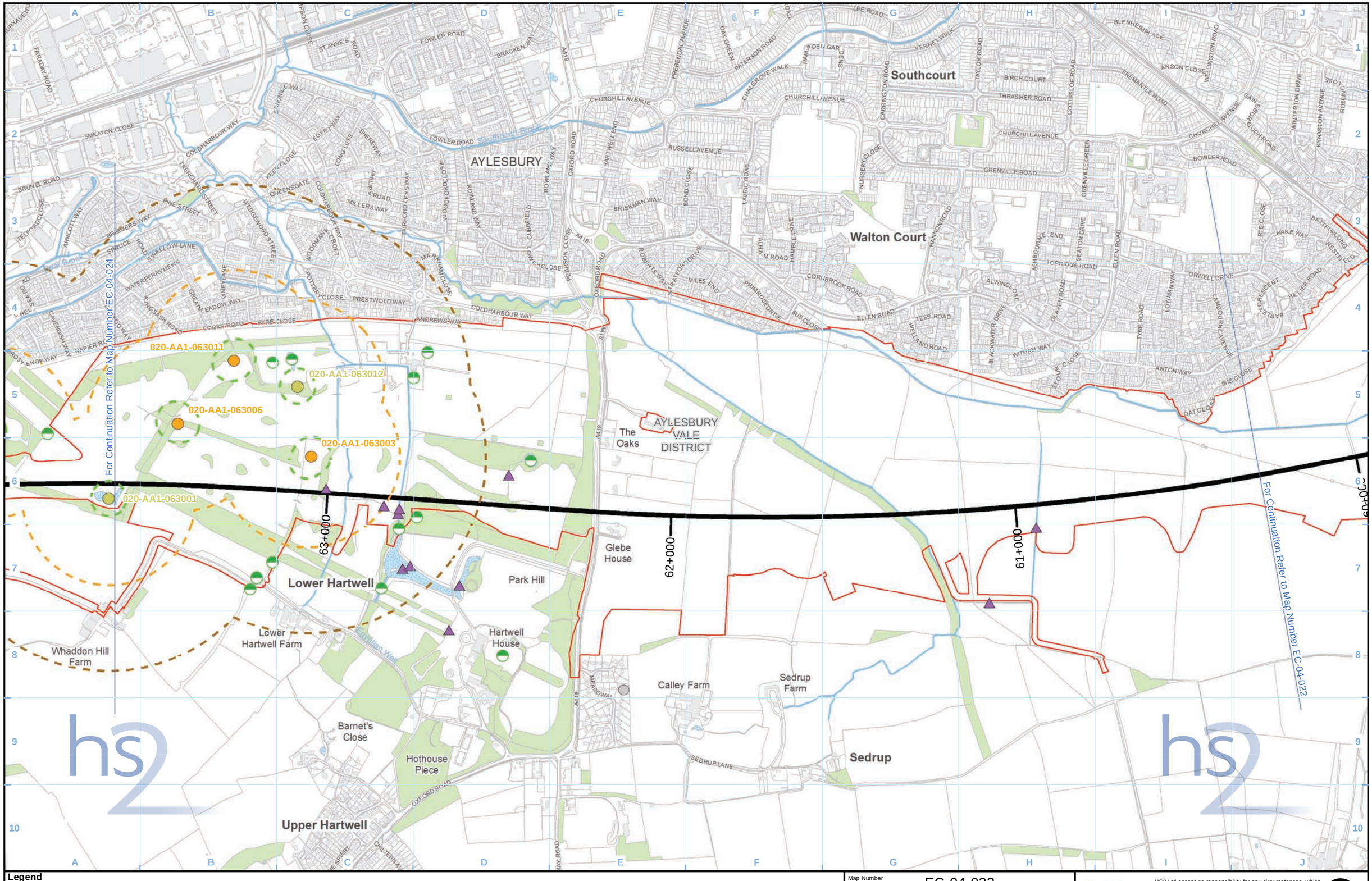
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002030-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Great Crested Newts present (6 visits) - medium population (11 - 99 adults)
- Great Crested Newts present (6 visits) - small population (1 - 10 adults)
- Survey complete, Great Crested Newts assumed absent
- Survey incomplete, no Great Crested Newts found
- Scoped in - Habitat Suitability Index (HSI)/walkover only
- 50m radius from all water bodies where presence of Great Crested Newts is confirmed
- 250m radius from all water bodies where presence of Great Crested Newts is confirmed
- 500m radius from all water bodies where presence of Great Crested Newts is confirmed

Map Number: EC-04-023

Map Name: Amphibians

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

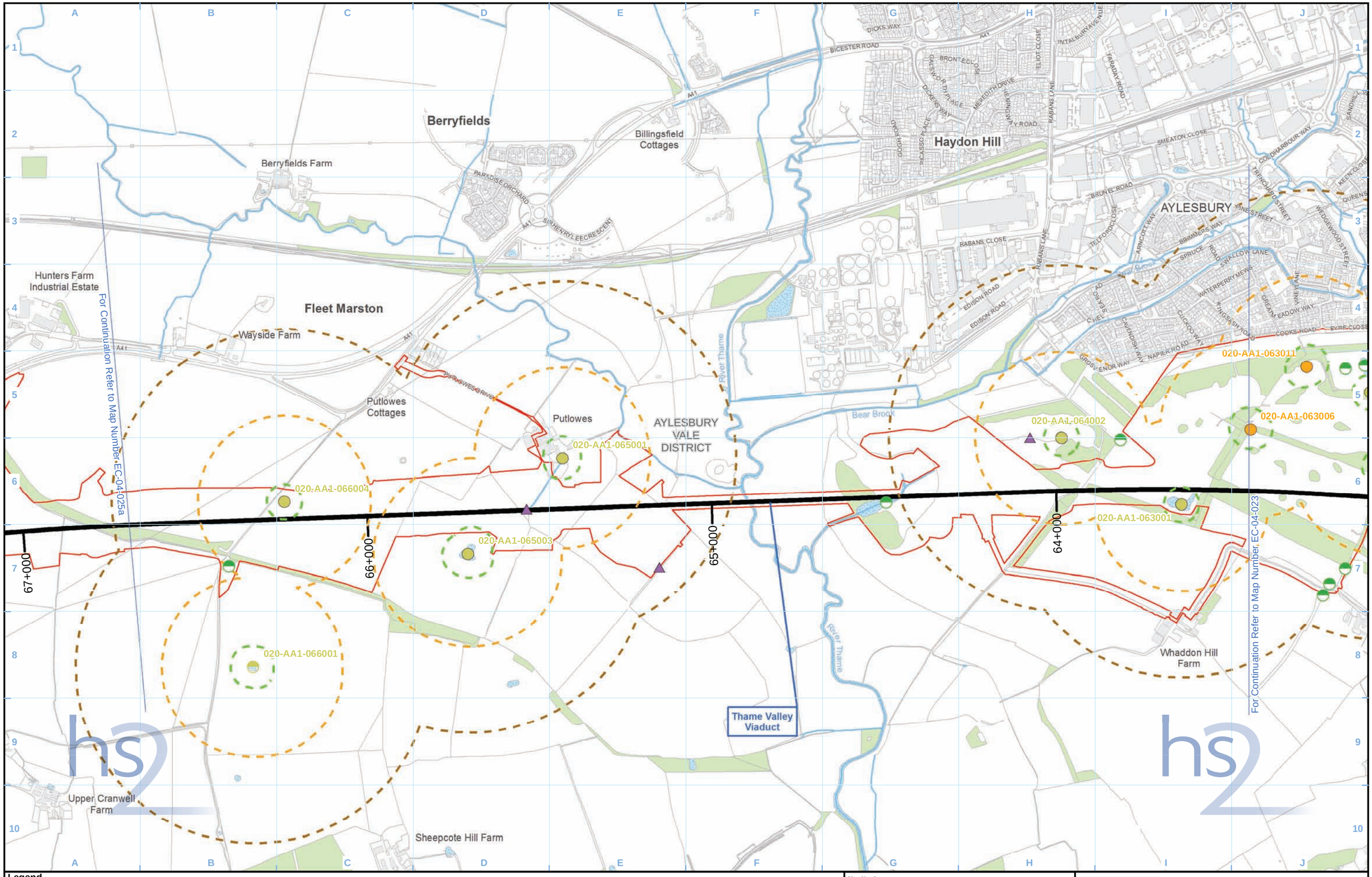
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002031-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Great Crested Newts present (6 visits) - medium population (11 - 99 adults)
- Great Crested Newts present (6 visits) - small population (1 - 10 adults)
- Great Crested Newts present (less than 6 visits) - small population (1 - 10 adults)
- Survey complete, Great Crested Newts assumed absent
- Scoped in - Habitat Suitability Index (HSI)/walkover only
- 50m radius from all water bodies where presence of Great Crested Newts is confirmed
- 250m radius from all water bodies where presence of Great Crested Newts is confirmed
- 500m radius from all water bodies where presence of Great Crested Newts is confirmed

Map Number: EC-04-024

Map Name: Amphibians

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002032-P06.00

Date: 29/10/13

WADDESDON AND QUAINTON

STOKE MANDEVILLE AND AYLESBURY

A41 Bicester Road Overbridge

Lower Blackgrove Farm

Lapstone House

BLACKGROVE ROAD

Lower Blackgrove Farm Cottages

AYLESBURY VALE DISTRICT

Hunters Farm Industrial Estate

Berryfields Farm

Fleet Marston

Fleet Marston Cottages

Wayside Farm

Putlowes Cottages

Waddesdon Sewage Treatment Works

For Continuation Refer to Map Number EC-04-026

For Continuation Refer to Map Number EC-04-024

69+000

68+000

67+000

66+000

020-AA1-066004

020-AA1-069001

020-AA1-066001

Wayside Farm

Glebe Farm

The Grand Lodge

A41

Lower Cranwell

Upper Cranwell Farm

Waddesdon

FREDERICK STREET

QUAINTON ROAD

HIGH STREET

BAKER STREET

GOSS AVENUE

SHARPS CLOSE

WARMSTONE LANE

ANSTEY CLOSE

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Great Crested Newts present (6 visits) - small population (1 - 10 adults)
- Great Crested Newts present (less than 6 visits) - small population (1 - 10 adults)
- Survey complete, Great Crested Newts assumed absent
- Scoped in - Habitat Suitability Index (HSI)/walkover only
- Scoped in - no access permission
- Scoped out - no survey required
- 50m radius from all water bodies where presence of Great Crested Newts is confirmed
- 250m radius from all water bodies where presence of Great Crested Newts is confirmed
- 500m radius from all water bodies where presence of Great Crested Newts is confirmed

Map Number: EC-04-025a

Map Name: Amphibians

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

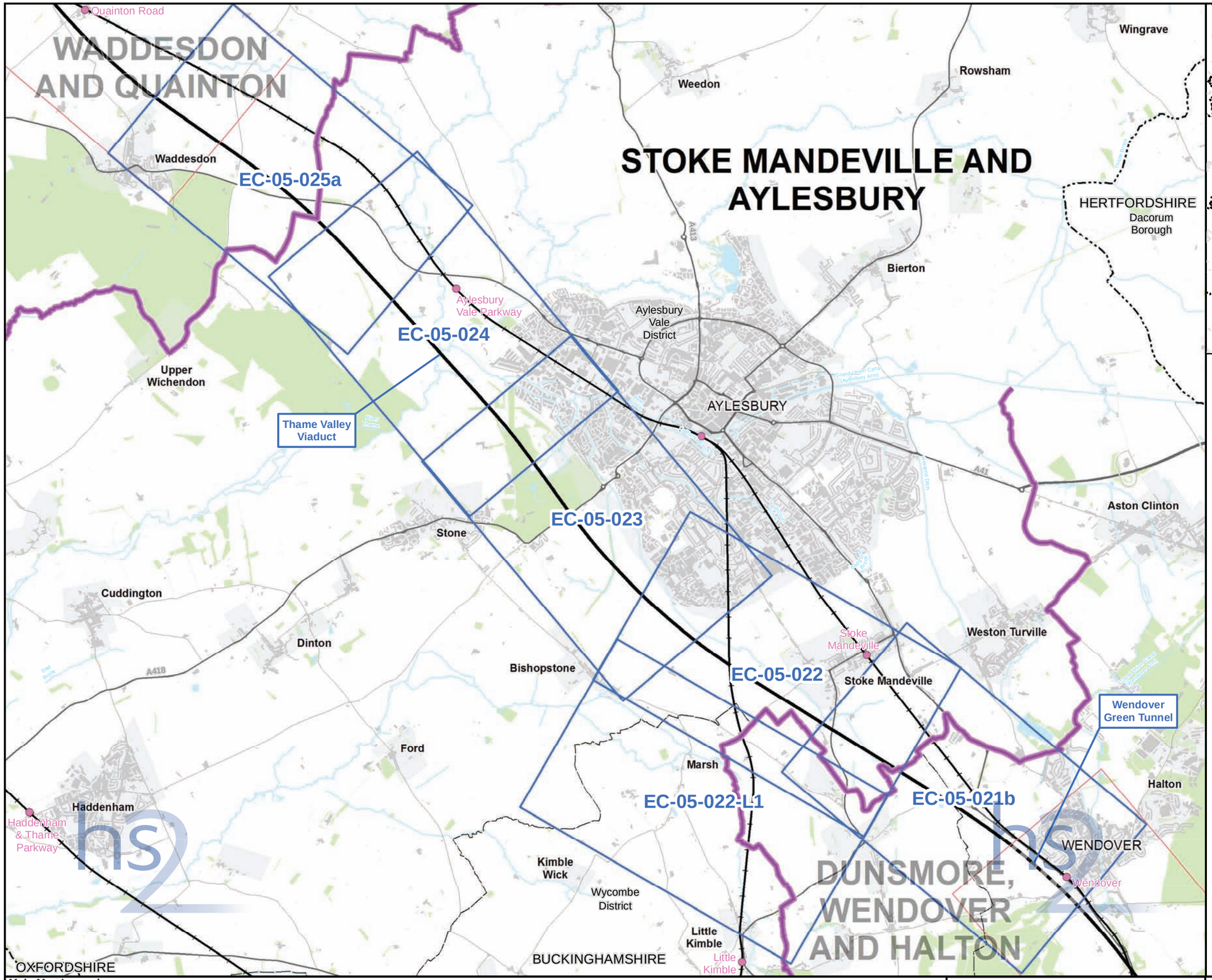
0 100 200 300 400 Metres

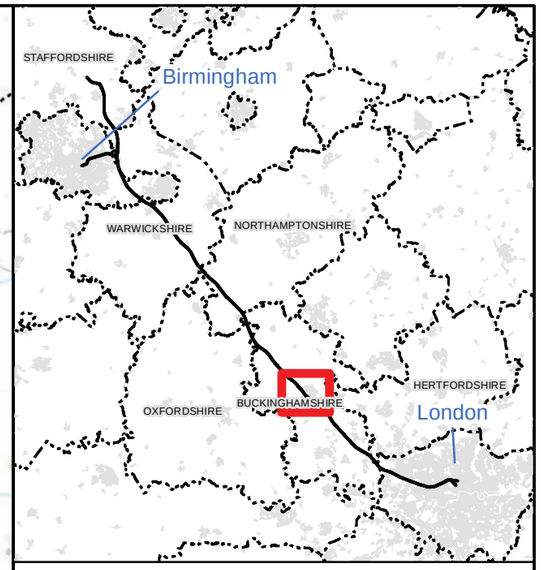
Doc Number: C252-ETM-EV-MAP-020-002033-P06.00

Date: 29/10/13

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-05 – Bats - Roost





Map Series Information:

This map series shows results of field surveys conducted to investigate the potential for trees and buildings/structures to support roosting bats. It shows the location of roosts confirmed by field survey and features identified as having a high or moderate potential to support roosting bats.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-05-INDEX-CFA11

Map Name: Index Map of: Bat - Roost

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002827-P06.00

Date: 24/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

World's End
Springfield Farm
Loudwater Farm
AYLESBURY VALE DISTRICT
WENDOVER
WYCOMBE DISTRICT
Stoke House
Mill House Farm
Nash Lee
North Lee
Wellwick Farm
Coneycroft Farm
Bacombe Hill

Stoke Mandeville Maintenance Loop
Wendover Green Tunnel

020-BT3-056001
020-BT3-056002
020-BT3-056003
020-BT3-056004
020-BS2-054002
020-BS2-054006

55+000
56+000
57+000
54+000

For Continuation Refer to Map Number EC-05-022
For Continuation Refer to Map Number EC-05-020

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)

Confirmed bat roost - trees:
- Hibernation roost
- Maternity roost
- Other roost
- Mulitple roost types

Confirmed bat roost - building:
- Hibernation roost
- Maternity roost
- Other roost
- Multiple roost types

Potential to support roosting bats - buildings:
- High
- Moderate

Potential to support roosting bats - trees:
- High
- Moderate

Map Number: EC-05-021b

Map Name: Bat - Roost

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002067-P06.00

Date: 29/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

AYLESBURY

AYLESBURY VALE DISTRICT

Stoke Mandeville

WYCOMBE DISTRICT

Moat Farm

Stoke House

Mill House Farm

Bucks Goat Centre

Standalls Farm

Springfield Farm

Marsh Crossing

North Lee

Bishopstone

Willowcroft

Stoke Mandeville Maintenance Loop

A4010 Stoke Mandeville Bypass Overbridge

020-BS2-058002

020-BS2-058001

020-BS2-057001

60+000

59+000

58+000

57+000

For Continuation Refer to Map Number EC-05-023

For Continuation Refer to Map Number EC-05-021b

For Continuation Refer to Map Number EC-05-022-L1

LOWER ROAD

WENDOVER ROAD

RISBOROUGH ROAD

A4010

A413

MARSH LANE

NORTH LEE LANE

BISHOPSTONE

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)

Confirmed bat roost - trees:
- Hibernation roost
- Maternity roost
- Other roost
- Mulitple roost types

Confirmed bat roost - building:
- Hibernation roost
- Maternity roost
- Other roost
- Multiple roost types

Potential to support roosting bats - buildings:
- High
- Moderate

Potential to support roosting bats - trees:
- High
- Moderate

Map Number: EC-05-022

Map Name: Bat - Roost

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

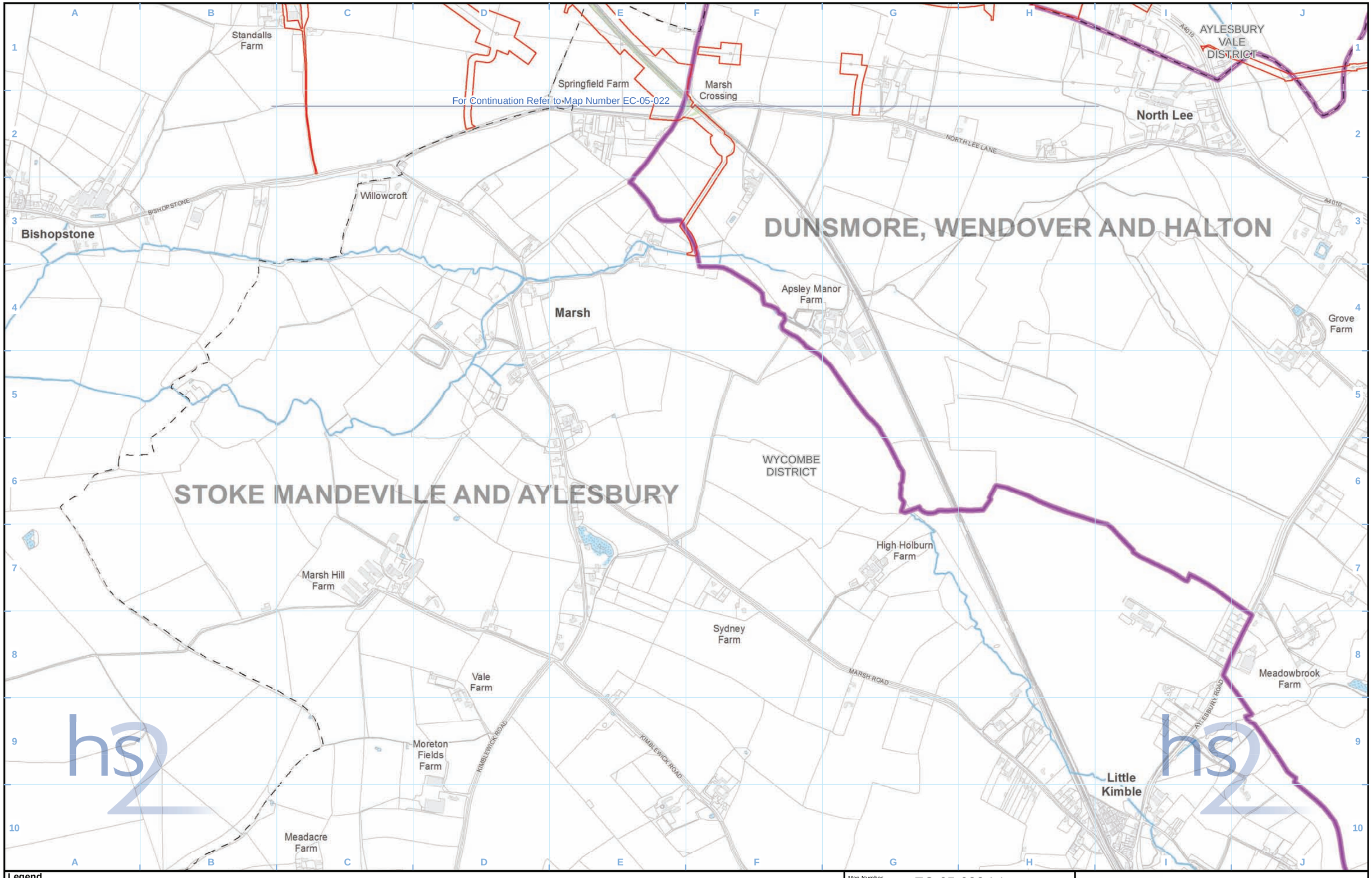
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002068-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)

Confirmed bat roost - trees:
- Hibernation roost
- Maternity roost
- Other roost
- Mulitple roost types

Confirmed bat roost - building:
- Hibernation roost
- Maternity roost
- Other roost
- Multiple roost types

Potential to support roosting bats - buildings:
- High
- Moderate

Potential to support roosting bats - trees:
- High
- Moderate

Map Number: EC-05-022-L1

Map Name: Bat - Roost

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

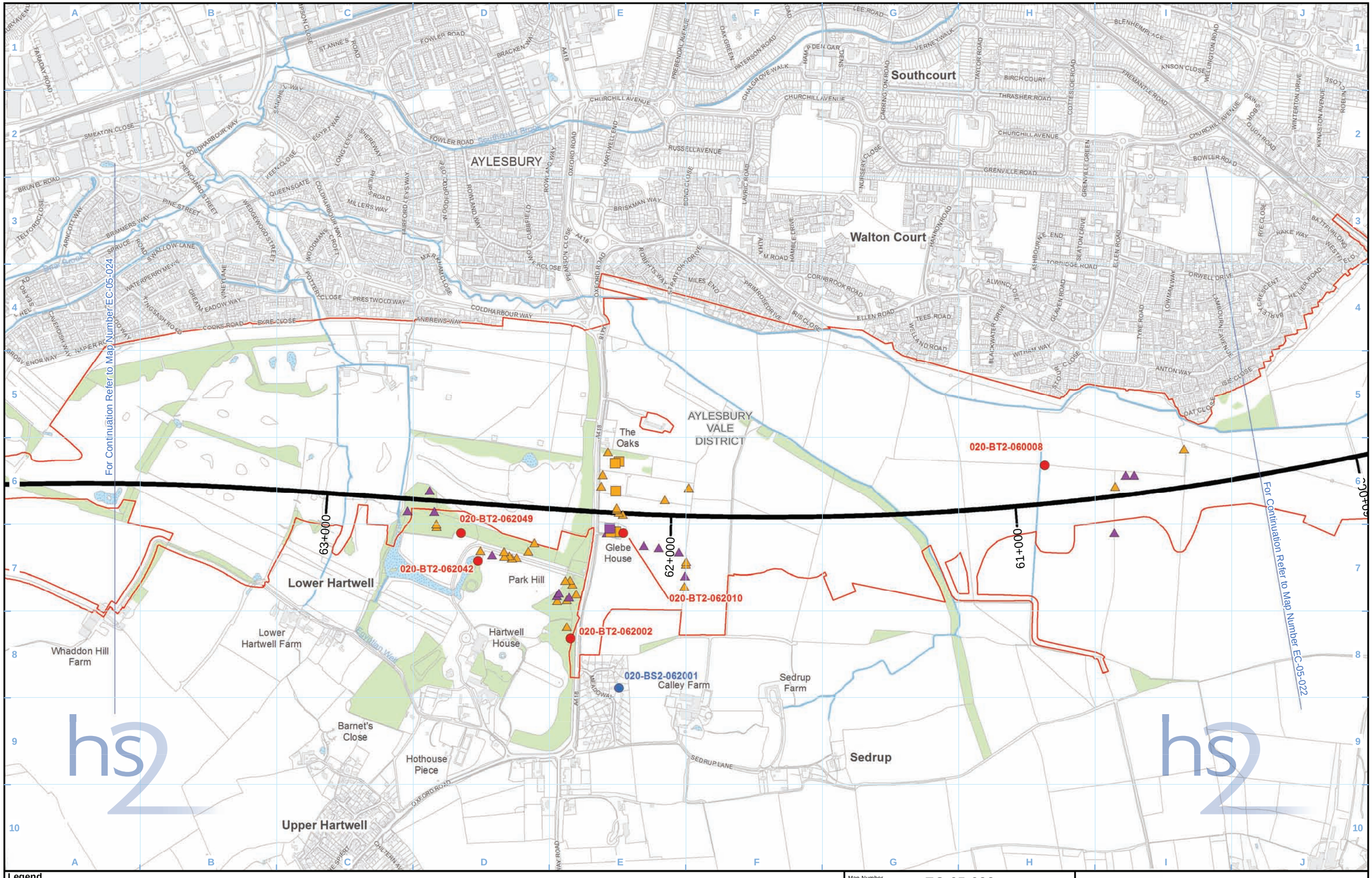
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002069-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)

Confirmed bat roost - trees:
- Hibernation roost
- Maternity roost
- Other roost
- Mulitple roost types

Confirmed bat roost - building:
- Hibernation roost
- Maternity roost
- Other roost
- Multiple roost types

Potential to support roosting bats - buildings:
- High
- Moderate

Potential to support roosting bats - trees:
- High
- Moderate

Map Number: EC-05-023

Map Name: Bat - Roost

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

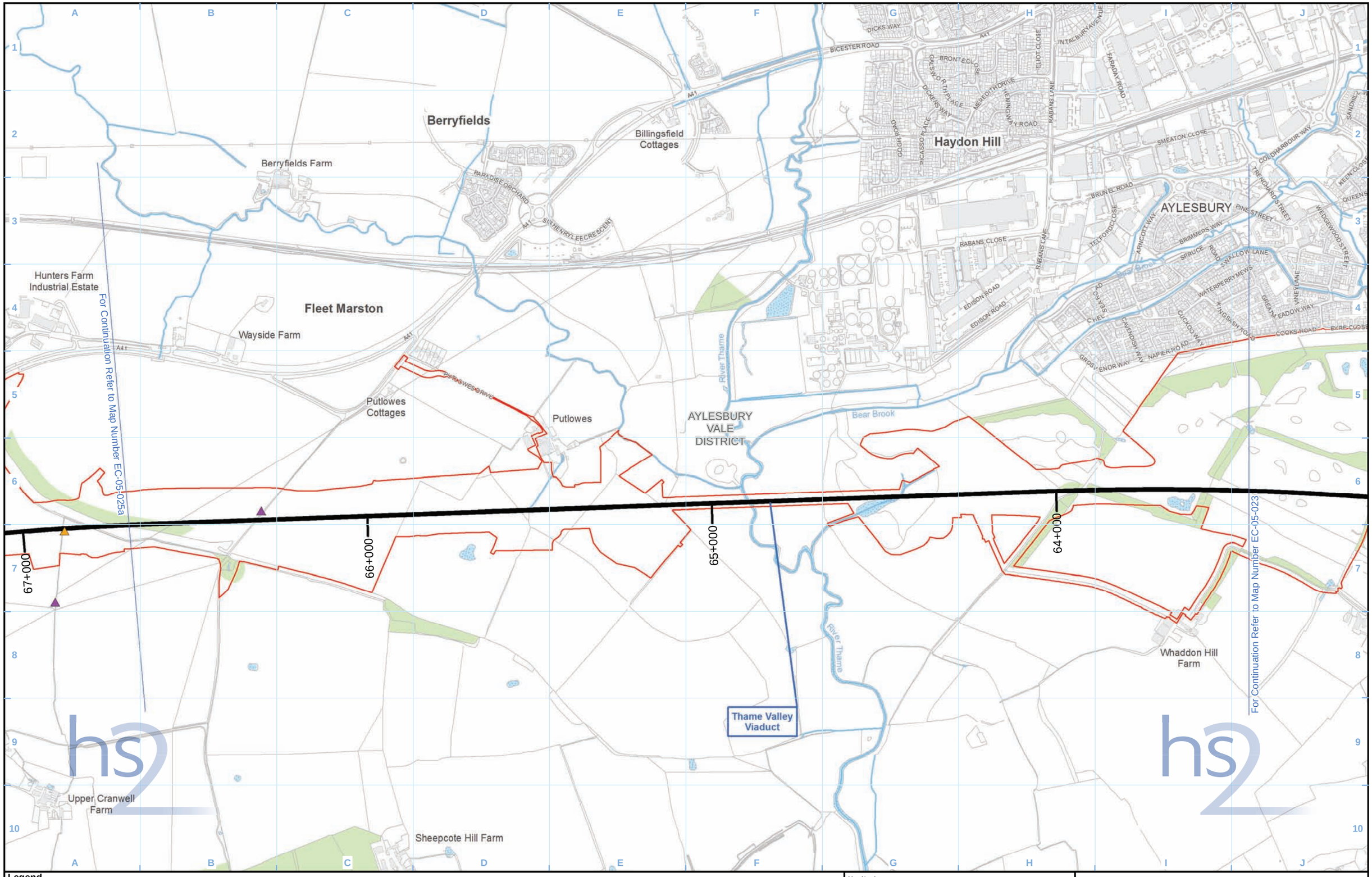
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002070-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)

Confirmed bat roost - trees:
- Hibernation roost
- Maternity roost
- Other roost
- Mulitple roost types

Confirmed bat roost - building:
- Hibernation roost
- Maternity roost
- Other roost
- Multiple roost types

Potential to support roosting bats - buildings:
- High
- Moderate

Potential to support roosting bats - trees:
- High
- Moderate

Map Number: EC-05-024

Map Name: Bat - Roost

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002071-P06.00

Date: 29/10/13

WADDESDON AND QUAINTON

STOKE MANDEVILLE AND AYLESBURY

A41 Bicester Road Overbridge

Lower Blackgrove Farm

Lapstone House

BLACKGROVE ROAD

Lower Blackgrove Farm Cottages

AYLESBURY VALE DISTRICT

Fleet Marston Cottages

Hunters Farm Industrial Estate

Wayside Farm

Berryfields Farm

Fleet Marston

Putlowes Cottages

Waddesdon Sewage Treatment Works

020-BS3-068001

Wayside Farm

Glebe Farm

The Grand Lodge

Lower Cranwell

Upper Cranwell Farm

Waddesdon

QUAINTON ROAD

FREDERICK STREET

HIGH STREET

BAKER STREET

GOSS AVENUE

SHARPS CLOSE

WARMSTONE LANE

ANSTEY CLOSE

69+000

68+000

67+000

66+000

A41

For Continuation Refer to Map Number EC-05-026

For Continuation Refer to Map Number EC-05-024

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)

Confirmed bat roost - trees:
- Hibernation roost
- Maternity roost
- Other roost
- Mulitple roost types

Confirmed bat roost - building:
- Hibernation roost
- Maternity roost
- Other roost
- Multiple roost types

Potential to support roosting bats - buildings:
- High
- Moderate

Potential to support roosting bats - trees:
- High
- Moderate

Map Number: EC-05-025a

Map Name: Bat - Roost

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

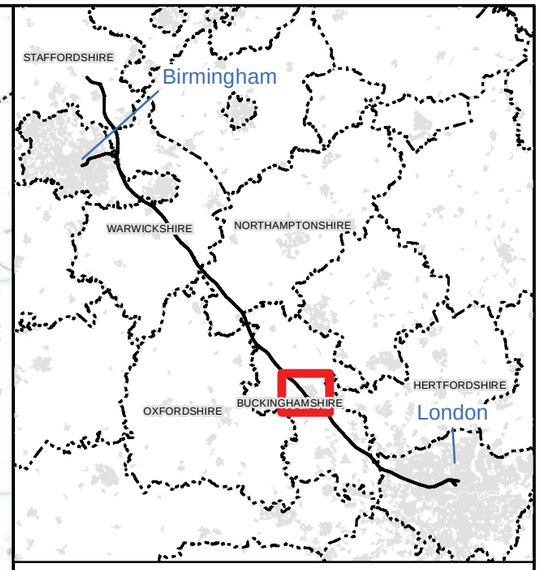
0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-002072-P06.00

Date: 29/10/13

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-06 – Bats – Activity



Map Series Information:

This map series shows the location of bat activity surveys conducted to inform the Environmental Statement. In addition it shows the location of the key bat foraging and commuting routes which have been established on the basis of the survey work conducted.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-06-INDEX-CFA11

Map Name: Index Map of: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002836-P06.00

Date: 24/10/13

DUNSMORE, WENDOVER AND HALTON

STOKE MANDEVILLE AND AYLESBURY

Springfield Farm
Hideaway Farm
Lower Meadow
QUILTERS' WAY
NASH LEE ROAD
A413
NASH LEE LANE
The Hollies
Hunter's Leaze
Craycraft
Stoke House
Stoke Mandeville Maintenance Loop
AYLESBURY VALE DISTRICT
Mill House Farm
RISBOROUGH ROAD
A4010
Stoke Grove Farm
WYCOMBE DISTRICT
020-BA6-056001
020-BA2-057001
57+000
56+000
For Continuation Refer to Map Number EC-06-045
For Continuation Refer to Map Number EC-06-043

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-044b

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

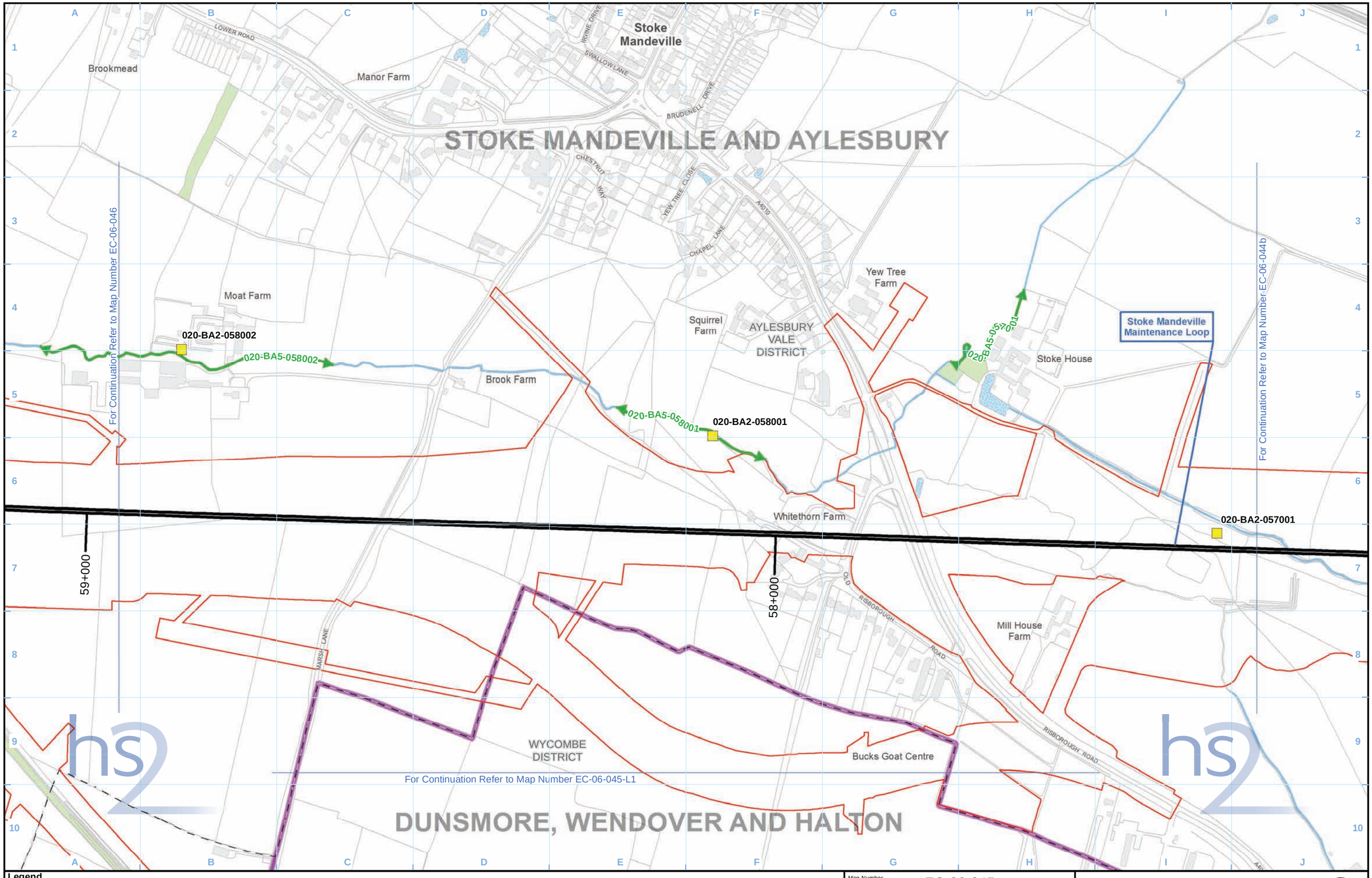
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002128-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-045

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

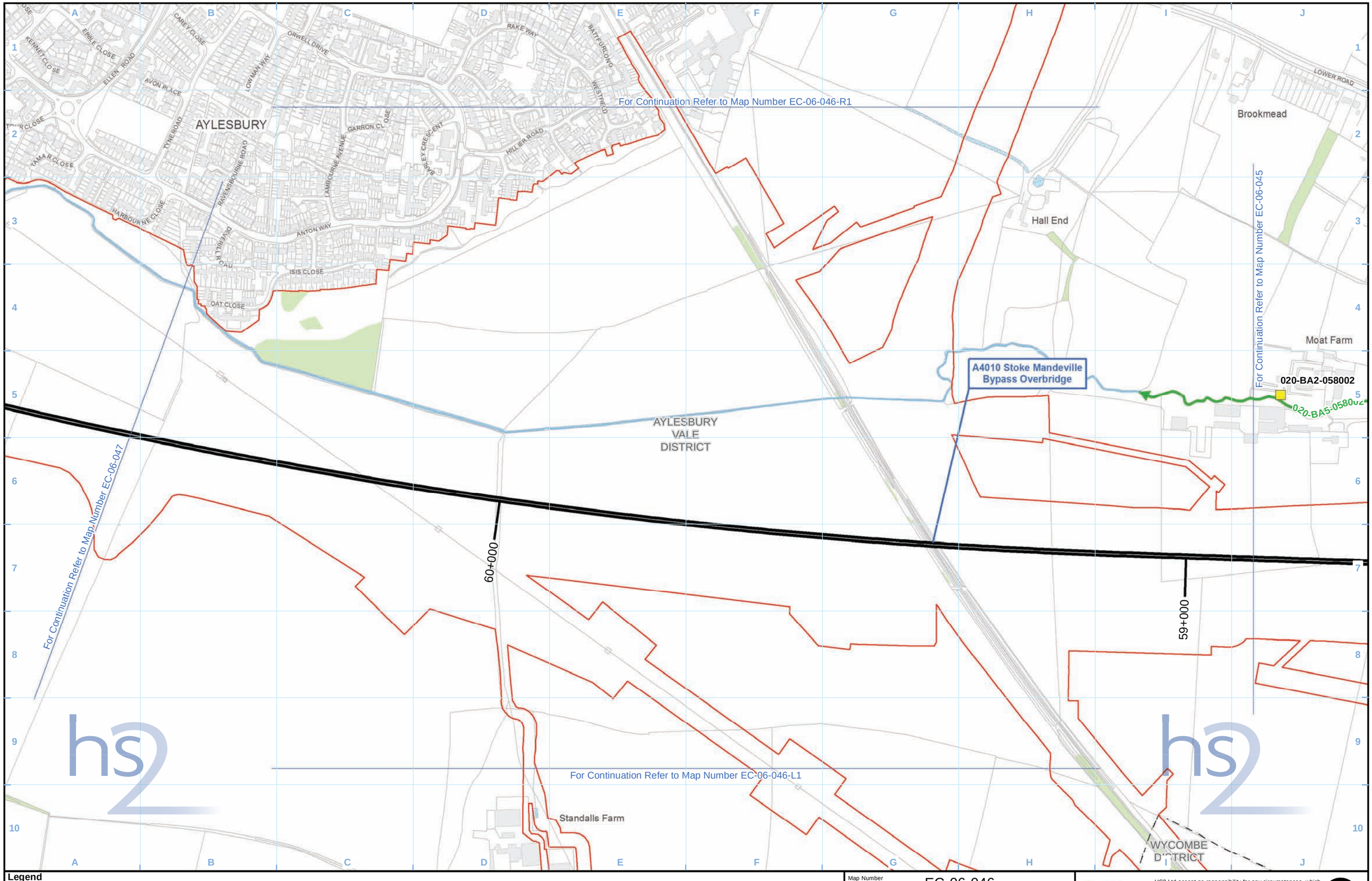
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002129-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-046

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

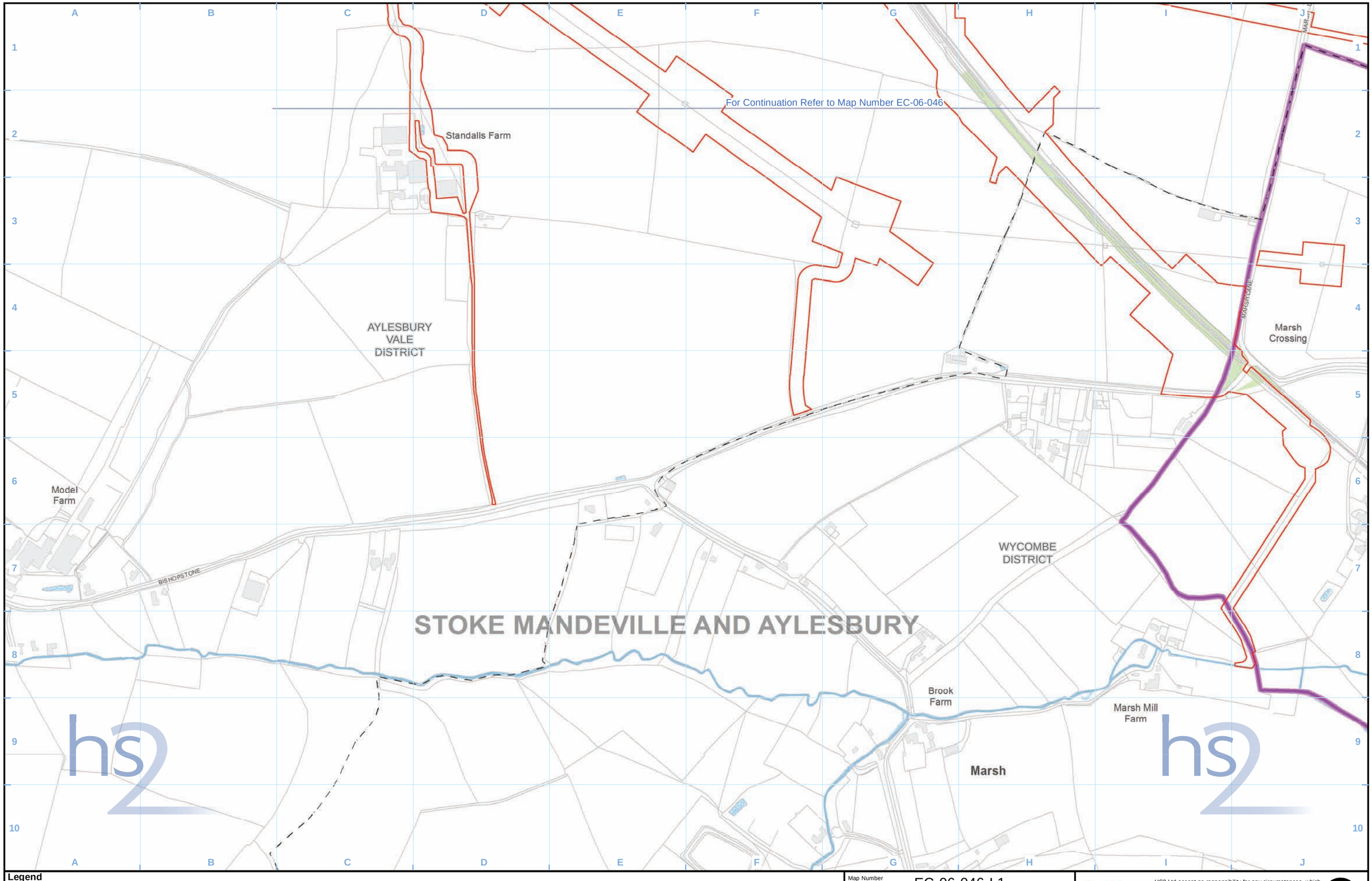
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002131-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-046-L1

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

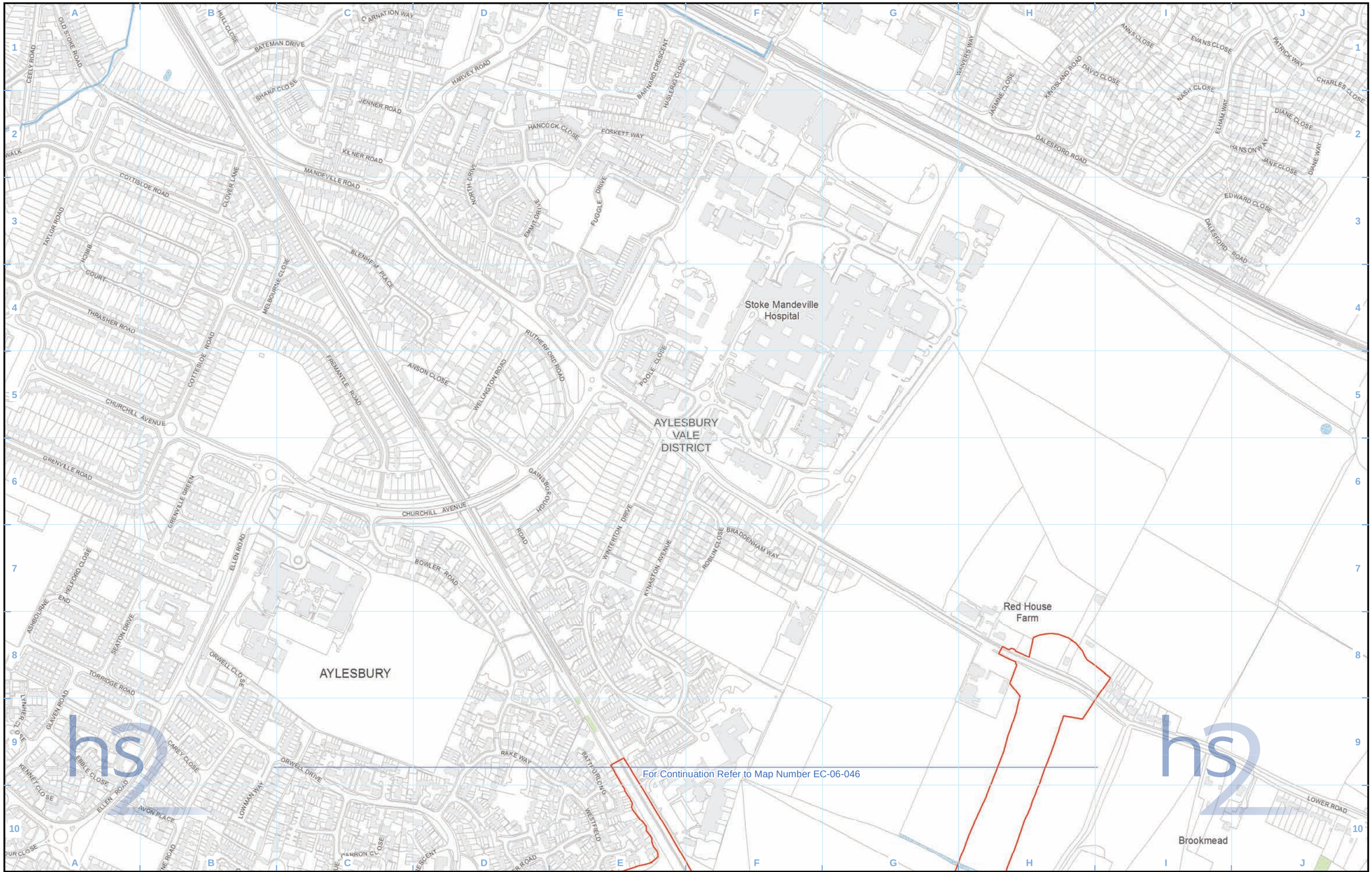
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002132-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-046-R1

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002133-P06.00

Date: 29/10/13

Walton Court

AYLESBURY

AYLESBURY VALE DISTRICT

020-BA6-063001

020-BA2-061001

For Continuation Refer to Map Number EC-06-048

For Continuation Refer to Map Number EC-06-046

62+000

61+000

Glebe House

Park Lodge

ALHAM ROAD · HAMBLE DRIVE · SUBLY CLOSE · HUMBER DRIVE · CORNBROOK ROAD · ROBERTS WAY · STRATFORD DRIVE · MILES END · PRIMROSE DRIVE · CROCUS DRIVE · IRIS CLOSE · ELLEN ROAD · SWALE ROAD · WELLAND ROAD · NENE CLOSE · WYE CLOSE · TEES ROAD · BLACKWATER DRIVE · WITHAM WAY · ALWIN CLOSE · LYNHERST CLOSE · GLAVEN ROAD · TORRIDGE ROAD · CAREY CLOSE · EBBLE CLOSE · KENNET CLOSE · AVON PLACE · TYNE ROAD · STOUR CLOSE · YAMAR CLOSE · HARBOURNE CLOSE · RAVENSBOURNE ROAD · DEVERILL ROAD · ORWELL DRIVE · LOWMAY WAY · GARRON CLOSE · LAMBOURNE AVENUE · ANTON WAY · ISIS CLOSE · OAT CLOSE · MEADOWAY · OXFORD ROAD · PEARSON CLOSE · A418

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-047

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

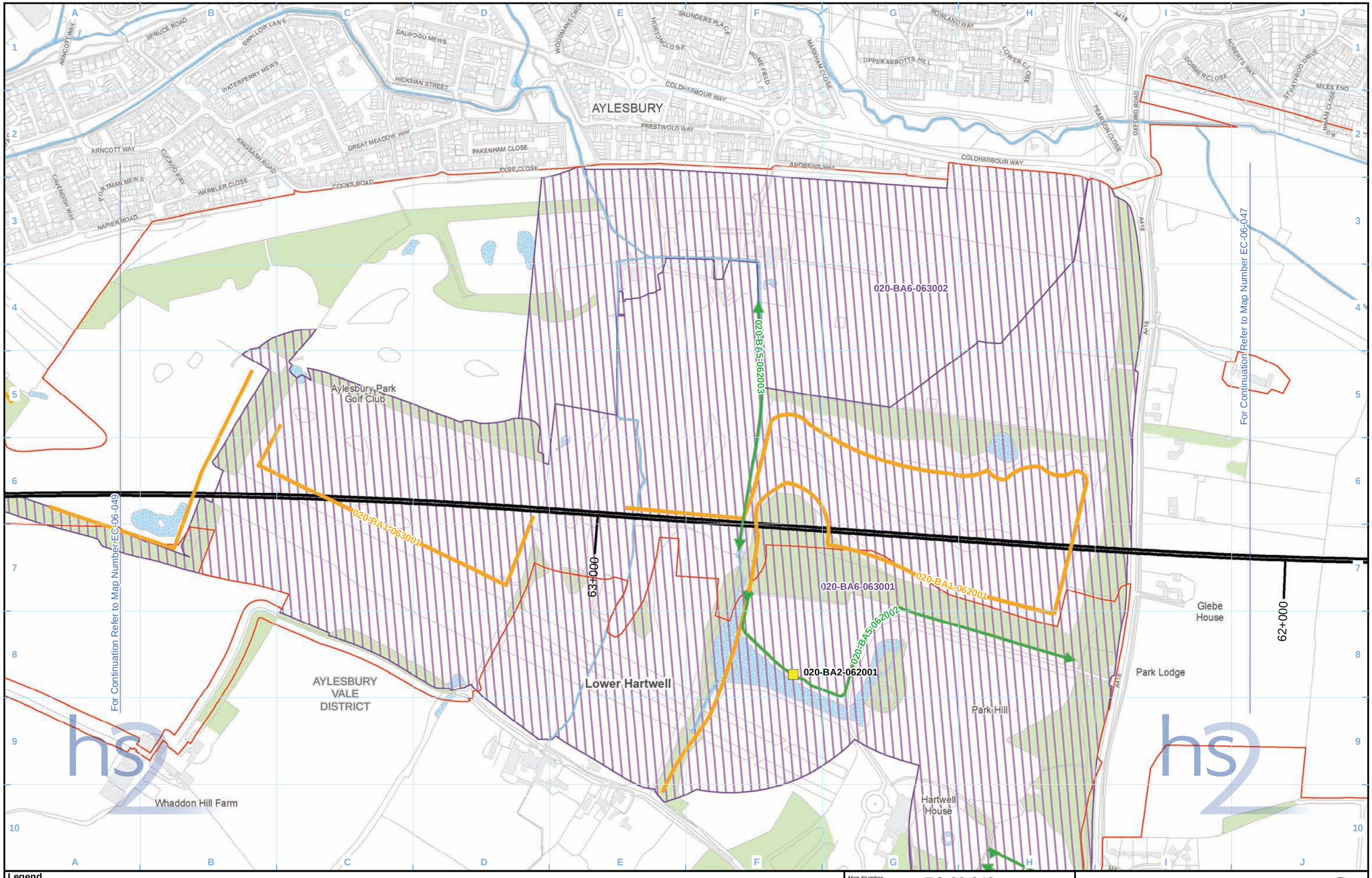
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002134-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-048

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

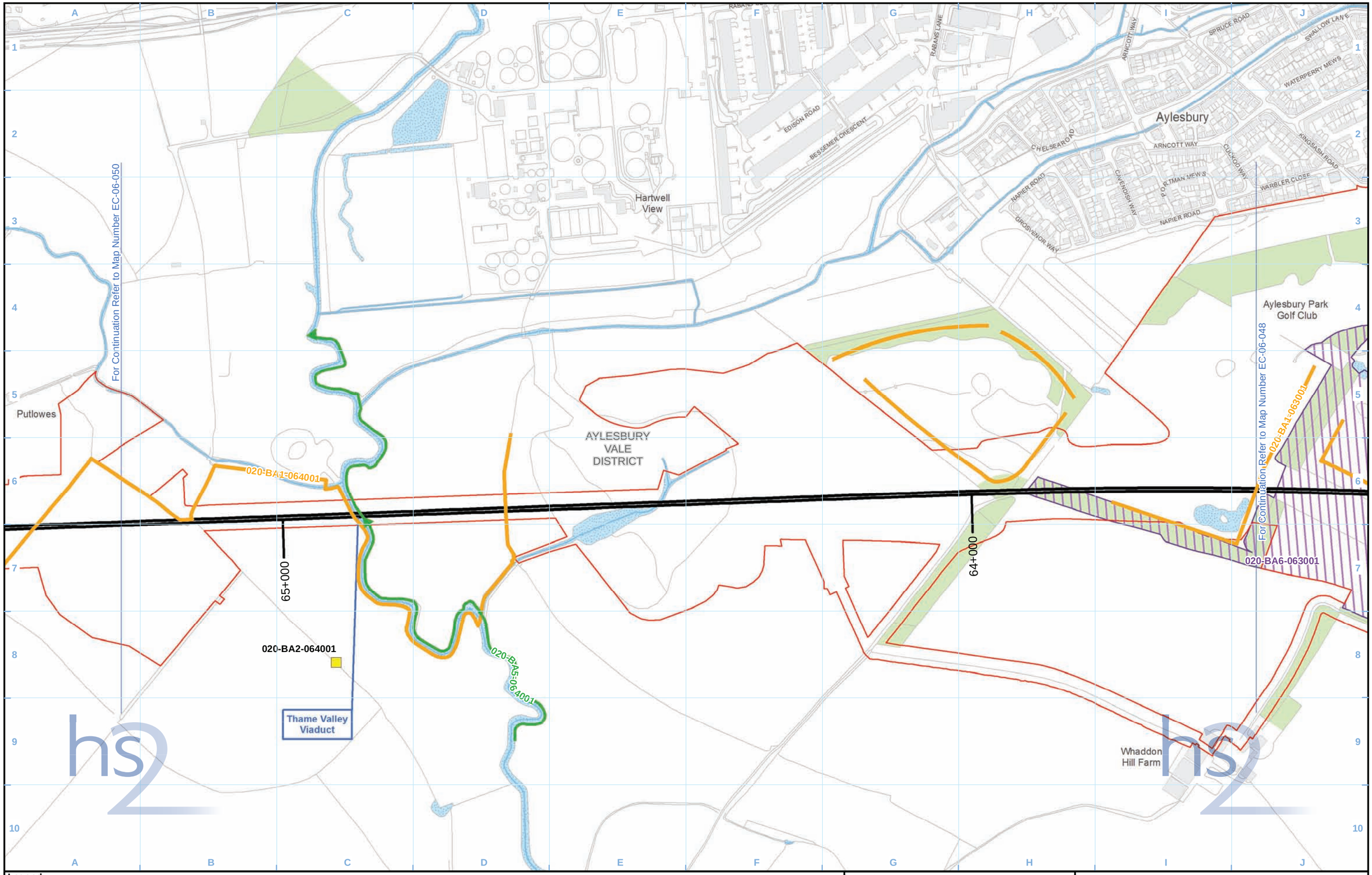
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002135-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-049

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002136-P06.00

Date: 29/10/13

Hunters Farm Industrial Estate

Fleet Marston

Wayside Farm

A41

PUTLOWES DRIVE

Putlowes Cottages

Putlowes

For Continuation Refer to Map Number EC-06-051a

For Continuation Refer to Map Number EC-06-049

AYLESBURY VALE DISTRICT

66+000

020-BA2-066001

020-BA1-065001

020-BA5-066001

020-BA5-065001

020-BA1-064001

Fleet Marston Spinney

Thame Valley Viaduct

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-050

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

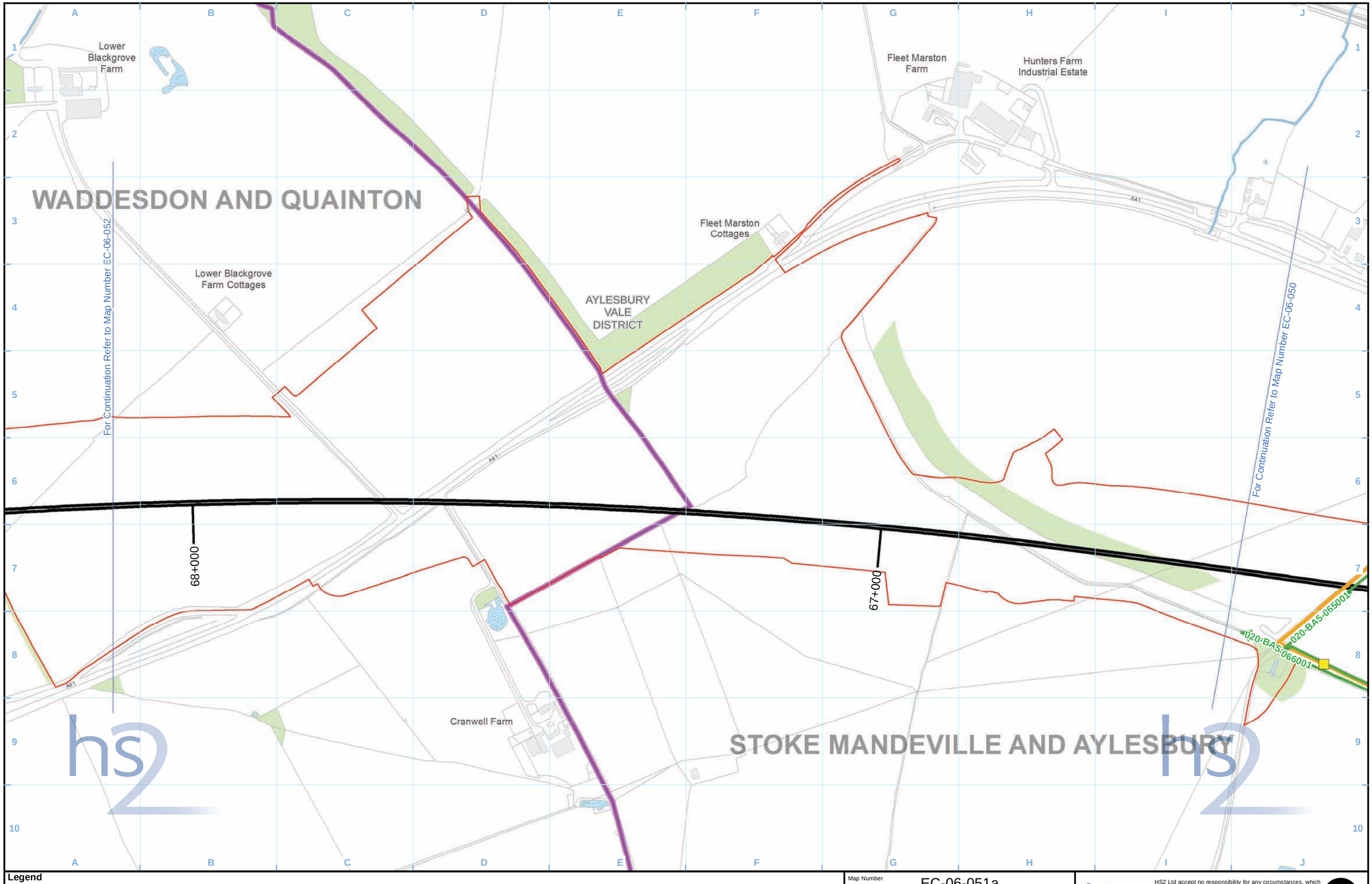
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002137-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- Bat activity static detector location
- Activity transect route
- Assumed key commuting route
- Assumed key areas of foraging habitat

Map Number: EC-06-051a

Map Name: Bat - Activity

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

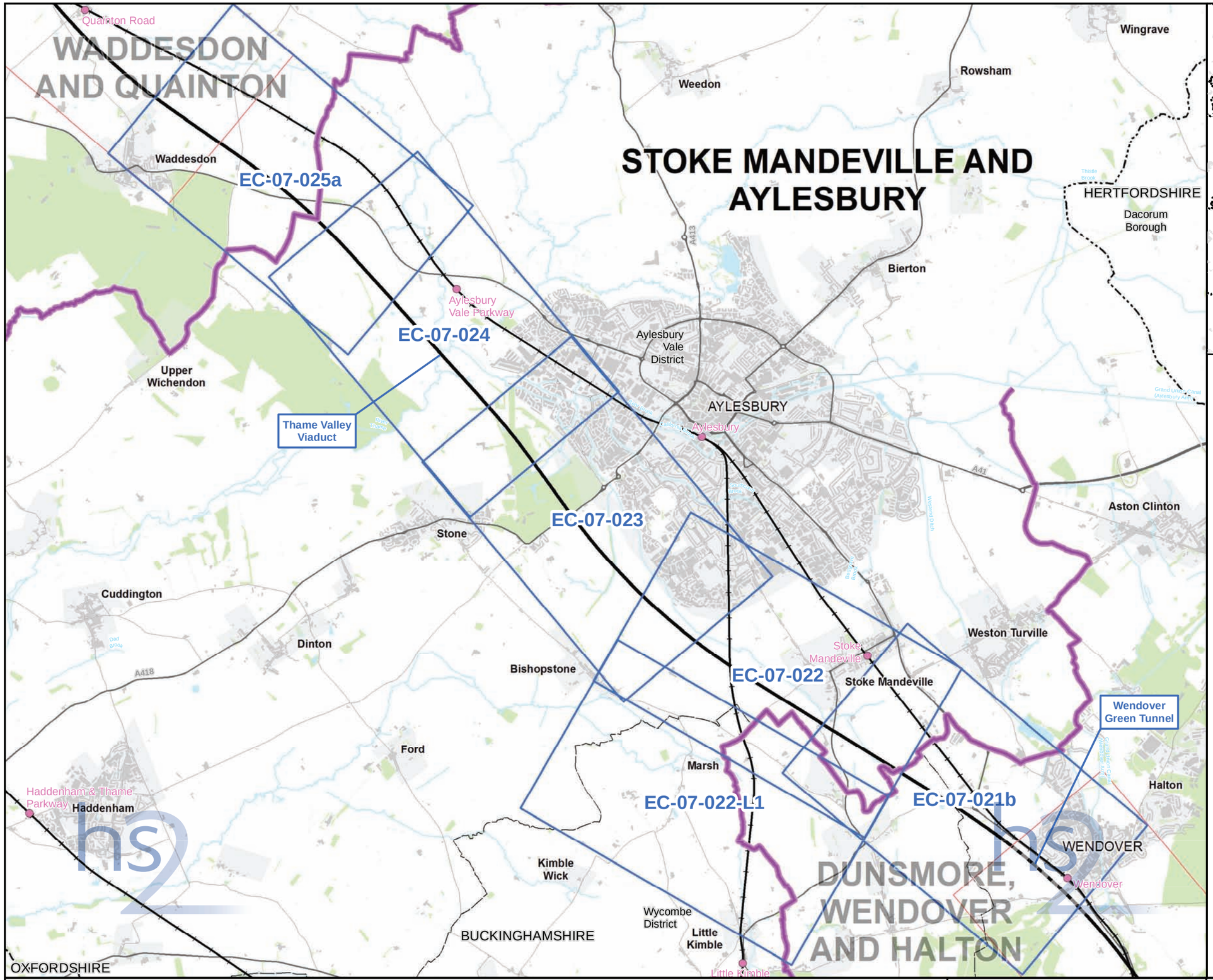
0 50 100 150 200 Metres

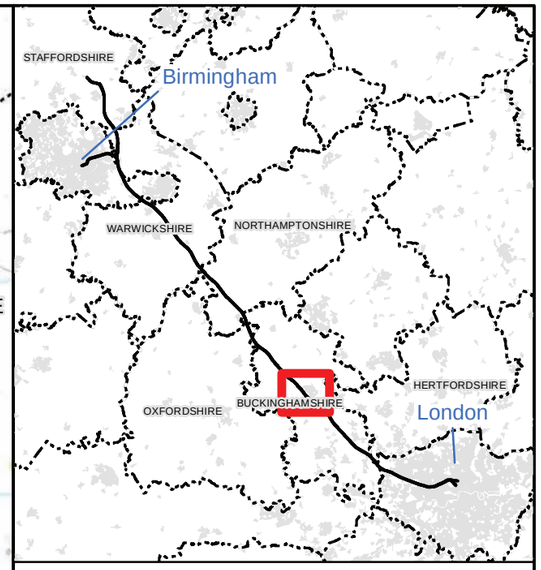
Doc Number: C252-ETM-EV-MAP-020-002138-P06.00

Date: 29/10/13

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-07 – Reptiles





Map Series Information:

This map series shows the extent and results of survey work for common reptiles that has been undertaken to inform the Environmental Statement.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-07-INDEX-CFA11

Map Name: Index Map of: Reptiles

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002845-P06.00

Date: 24/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

World's End
Springfield Farm
Loudwater Farm
AYLESBURY VALE DISTRICT
WENDOVER
Stoke Mandeville Maintenance Loop
Stoke House
Mill House Farm
WYCOMBE DISTRICT
Nash Lee
North Lee
Coneycroft Farm
Wellwick Farm
Wendover Green Tunnel
Bacombe Hill
55+000
56+000
57+000
54+000
For Continuation Refer to Map Number EC-07-022
For Continuation Refer to Map Number EC-07-020

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Population size class survey - visits completed
- Population size class survey - incomplete
- Presence/absence survey conducted – reptiles assumed absent
- Scoping visit only – scoped out
- Scoping visit conducted - habitat suitable but no further survey conducted

Population size class assessment:

Adder:		Common Lizard:		Grass Snake:		Slow Worm:	
A	High	CL	High	GS	High	SW	High
A	Medium	CL	Medium	GS	Medium	SW	Medium
A	Low	CL	Low	GS	Low	SW	Low
~~A~~	Absent	~~CL~~	Absent	~~GS~~	Absent	~~SW~~	Absent

Map Number: EC-07-021b

Map Name: Reptiles

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-003230-P06.00

Date: 27/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

AYLESBURY

AYLESBURY VALE DISTRICT

Stoke Mandeville

Stoke Mandeville Maintenance Loop

Stoke House

Moat Farm

020-RE1-059007

60+000

59+000

58+000

57+000

Mill House Farm

WYCOMBE DISTRICT

Bucks Goat Centre

Standalls Farm

A4010 Stoke Mandeville Bypass Overbridge

Springfield Farm

Marsh Crossing

North Lee

Bishopstone

Willowcroft

For Continuation Refer to Map Number EC-07-023

For Continuation Refer to Map Number EC-07-021b

For Continuation Refer to Map Number EC-07-022-L1

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Population size class survey - visits completed
- Population size class survey - incomplete
- Presence/absence survey conducted – reptiles assumed absent
- Scoping visit only – scoped out
- Scoping visit conducted - habitat suitable but no further survey conducted

Population size class assessment:

Adder:		Common Lizard:		Grass Snake:		Slow Worm:	
A	High	CL	High	GS	High	SW	High
A	Medium	CL	Medium	GS	Medium	SW	Medium
A	Low	CL	Low	GS	Low	SW	Low
~~A~~	Absent	~~CL~~	Absent	~~GS~~	Absent	~~SW~~	Absent

Map Number: EC-07-022

Map Name: Reptiles

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

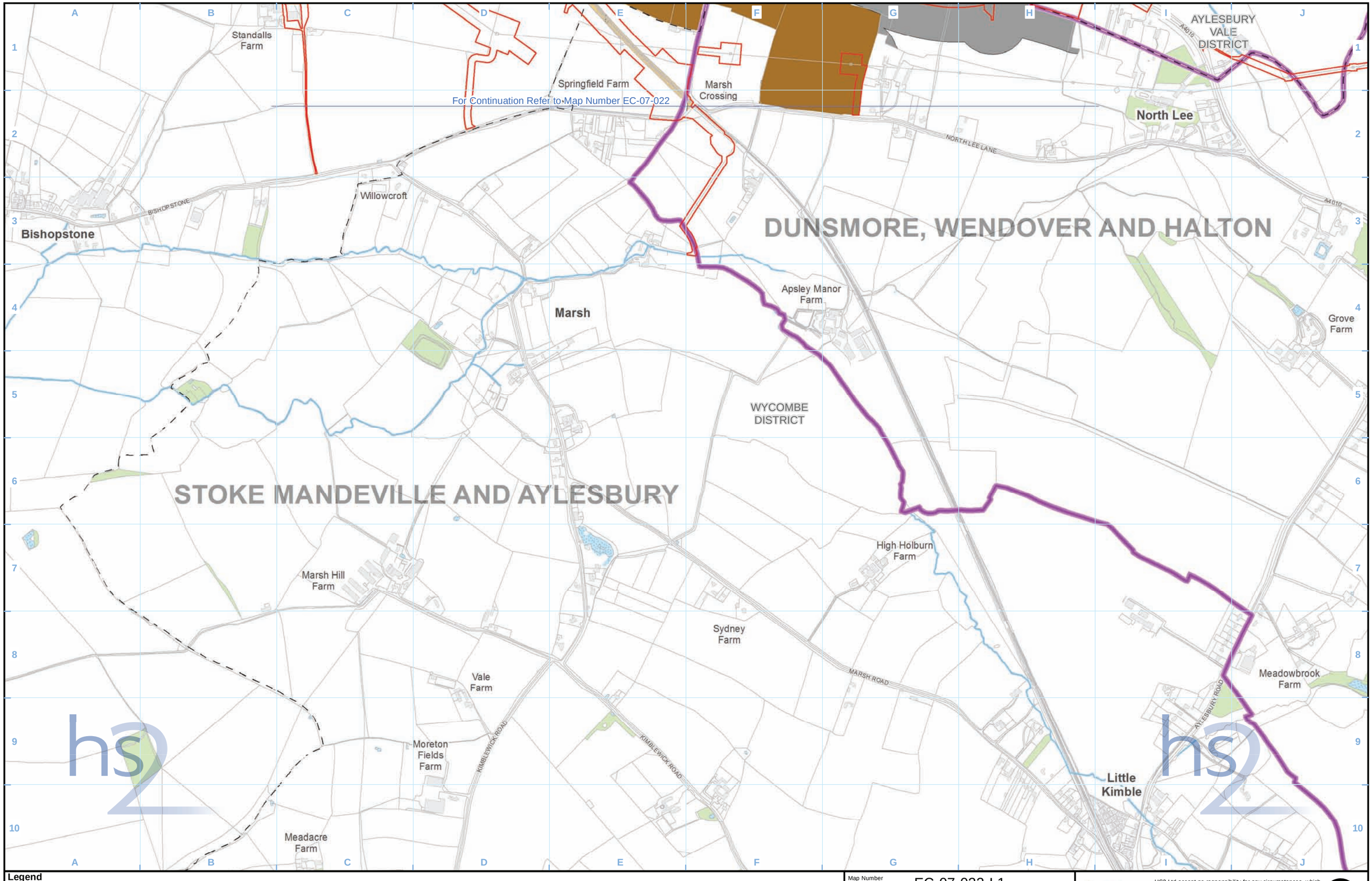
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-003206-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Population size class survey - visits completed
- Population size class survey - incomplete
- Presence/absence survey conducted – reptiles assumed absent
- Scoping visit only – scoped out
- Scoping visit conducted - habitat suitable but no further survey conducted

Population size class assessment:

Adder:	Common Lizard:	Grass Snake:	Slow Worm:
A High	CL High	GS High	SW High
A Medium	CL Medium	GS Medium	SW Medium
A Low	CL Low	GS Low	SW Low
~~A~~ Absent	~~CL~~ Absent	~~GS~~ Absent	~~SW~~ Absent

Map Number: EC-07-022-L1

Map Name: Reptiles

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

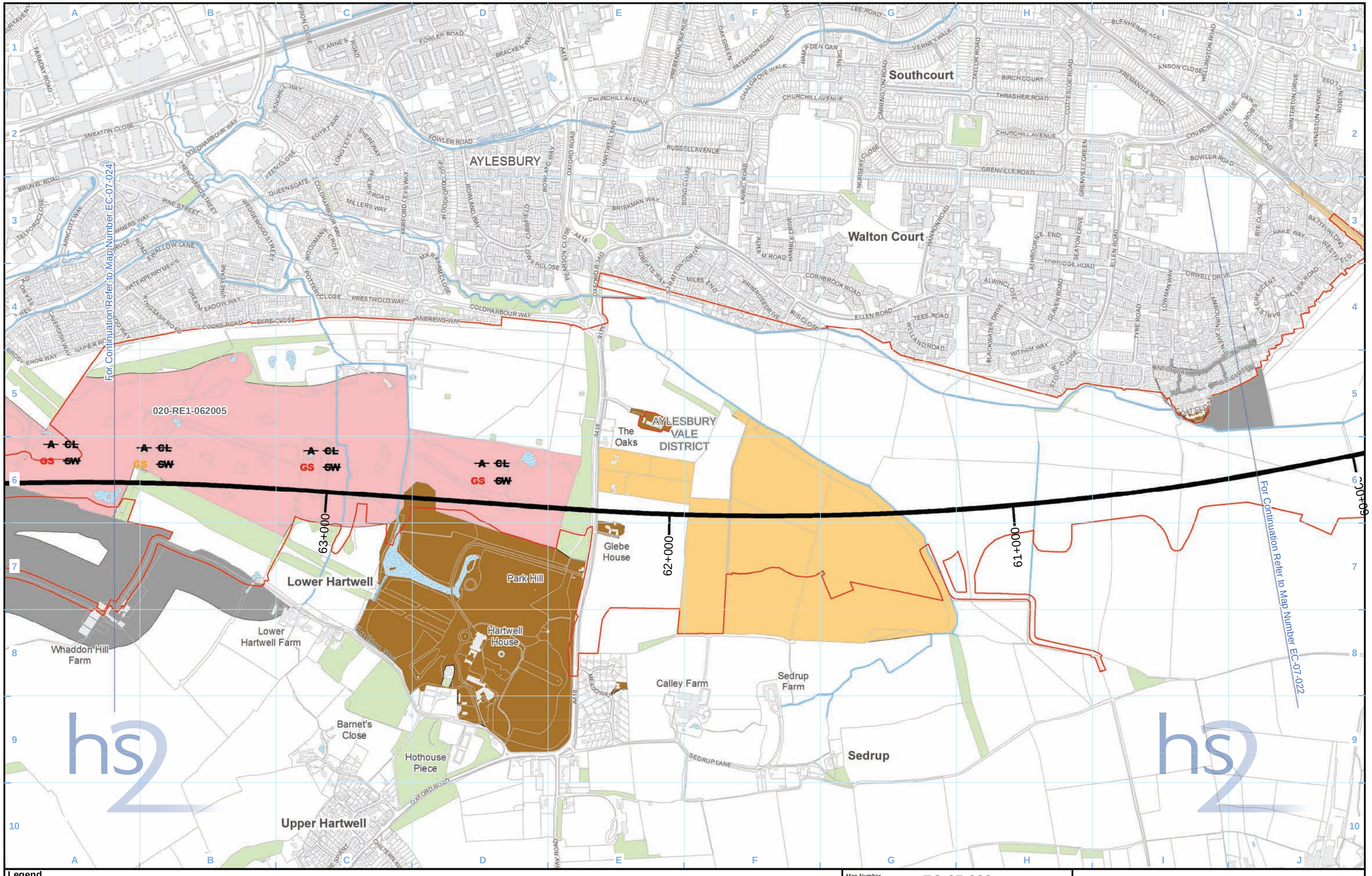
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-003235-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Population size class survey - visits completed
- Population size class survey - incomplete
- Presence/absence survey conducted – reptiles assumed absent
- Scoping visit only – scoped out
- Scoping visit conducted - habitat suitable but no further survey conducted

Population size class assessment:

Adder:		Common Lizard:		Grass Snake:		Slow Worm:	
A	High	CL	High	GS	High	SW	High
A	Medium	CL	Medium	GS	Medium	SW	Medium
A	Low	CL	Low	GS	Low	SW	Low
~~A~~	Absent	~~CL~~	Absent	~~GS~~	Absent	~~SW~~	Absent

Map Number: EC-07-023

Map Name: Reptiles

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

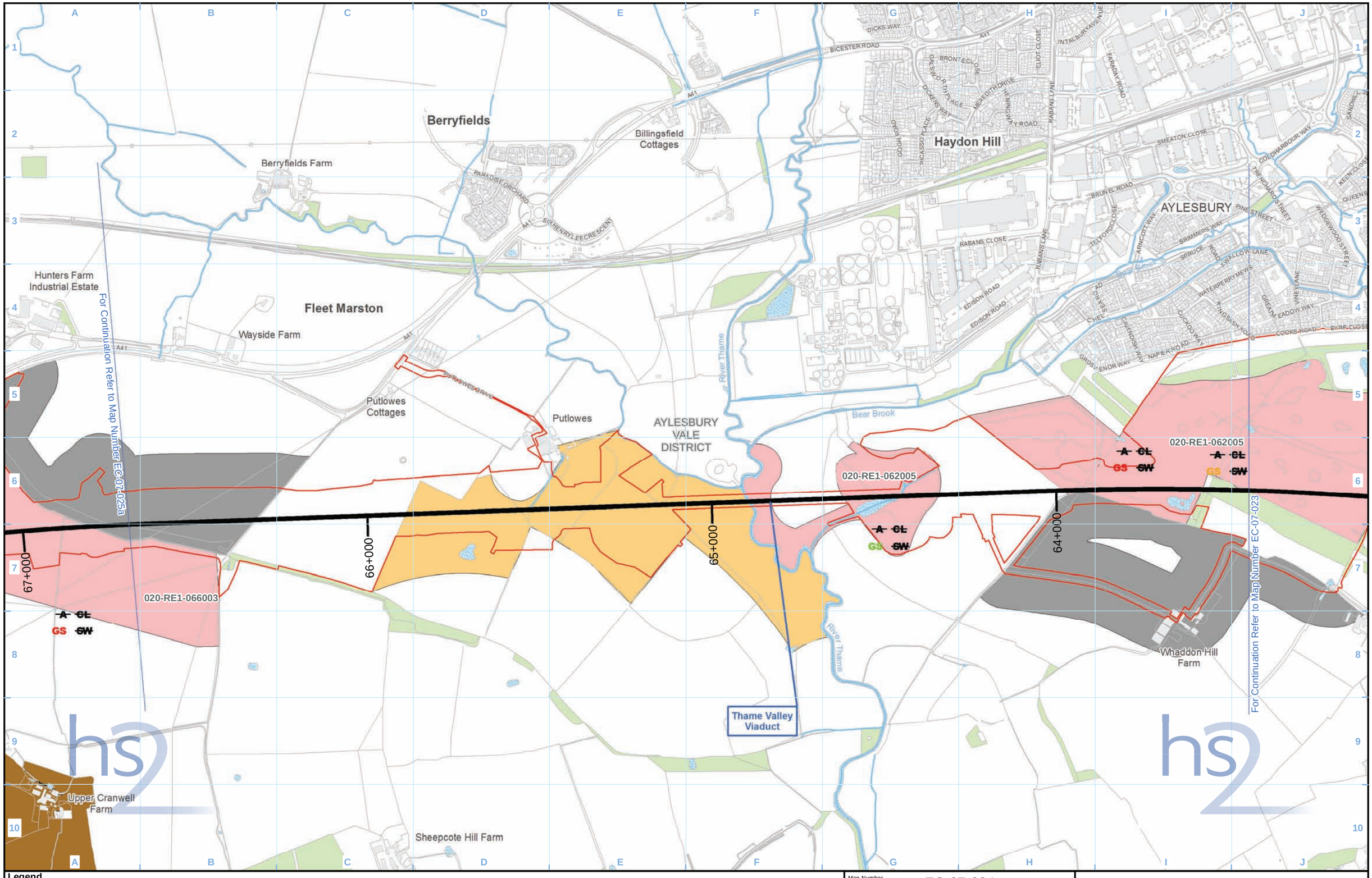
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-003207-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Population size class survey - visits completed
- Population size class survey - incomplete
- Presence/absence survey conducted – reptiles assumed absent
- Scoping visit only – scoped out
- Scoping visit conducted - habitat suitable but no further survey conducted

Population size class assessment:

Adder:	Common Lizard:	Grass Snake:	Slow Worm:
A High	CL High	GS High	SW High
A Medium	CL Medium	GS Medium	SW Medium
A Low	CL Low	GS Low	SW Low
~~A~~ Absent	~~CL~~ Absent	~~GS~~ Absent	~~SW~~ Absent

Map Number: EC-07-024

Map Name: Reptiles

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

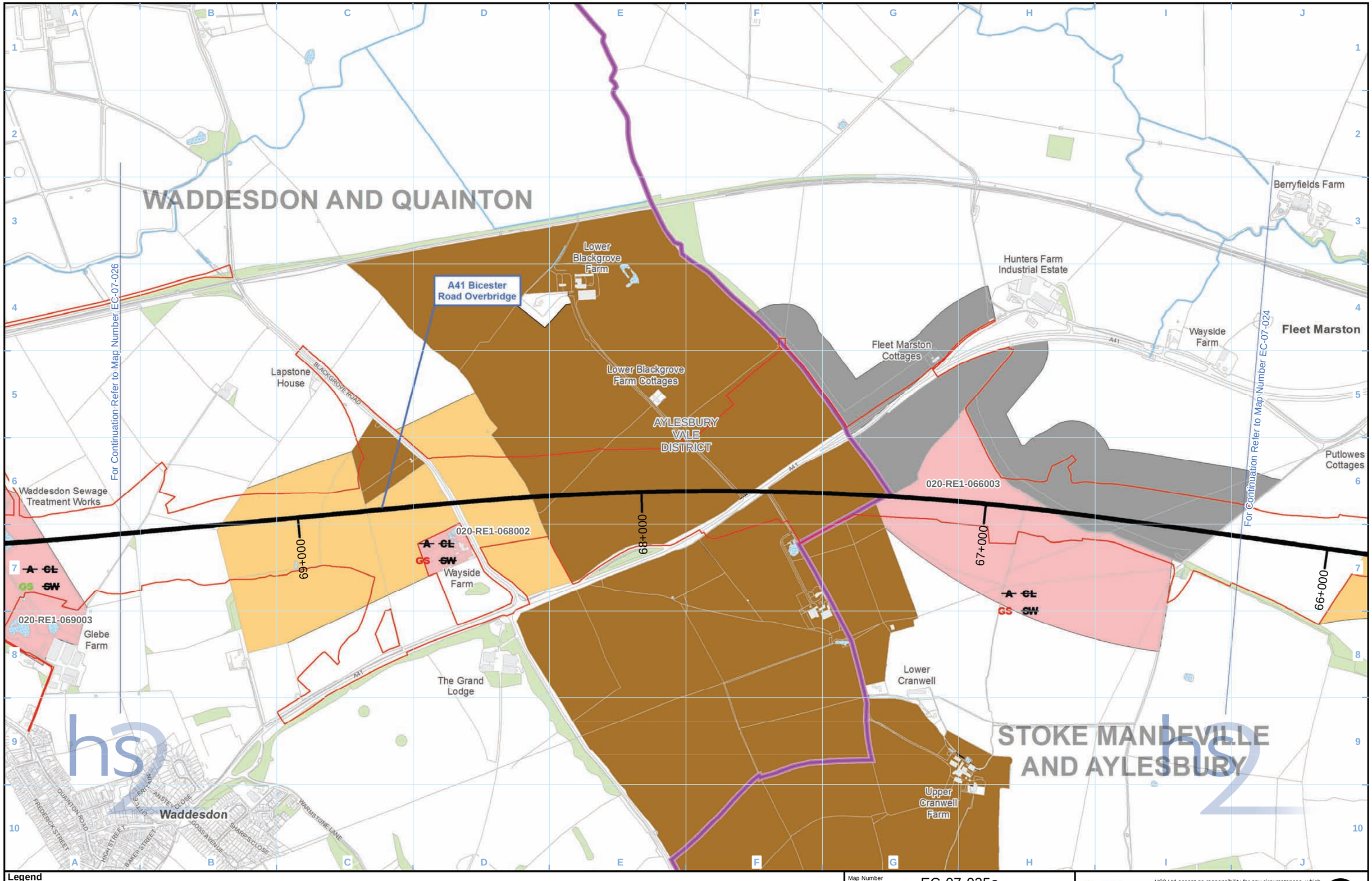
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-003208-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- County boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (not verified by survey)
- Population size class survey - visits completed
- Population size class survey - incomplete
- Presence/absence survey conducted – reptiles assumed absent
- Scoping visit only – scoped out
- Scoping visit conducted - habitat suitable but no further survey conducted

Population size class assessment:

Adder:	Common Lizard:	Grass Snake:	Slow Worm:
A High	CL High	GS High	SW High
A Medium	CL Medium	GS Medium	SW Medium
A Low	CL Low	GS Low	SW Low
~~A~~ Absent	~~CL~~ Absent	~~GS~~ Absent	~~SW~~ Absent

Map Number: EC-07-025a

Map Name: Reptiles

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

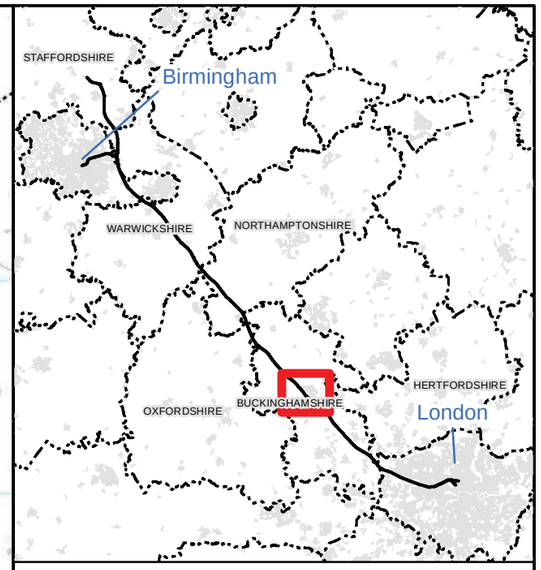
0 100 200 300 400 Metres

Doc Number: C252-ETM-EV-MAP-020-003209-P06.00

Date: 27/10/13

LONDON-WEST MIDLANDS
ENVIRONMENTAL STATEMENT

EC-08 – Breeding Birds – Protected and Notable Species



Map Series Information:

This map series shows records of protected/notable breeding birds that are considered most relevant in considering the impacts of the Proposed Scheme on breeding birds. The location of nest sites for species such as barn owl and raptor species which may be liable to persecution are not displayed.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number	EC-08-INDEX-CFA11
Map Name	Index Map of: Breeding Birds - Protected and Notable Species
	Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002854-P06.00

Date: 24/10/13

			Community Forum Area (CFA) where species recorded and considered relevant to the assessment			
BTO species code	**Common name**	**Protected status**	**CFA 1-6**	**CFA 7-15**	**CFA 16-22**	**CFA 23-26**
BH	Black-headed Gull	BoCC amber listed, localised and scarce				✓
CA	Cormorant	Localised breeding species		✓		✓
CB	Corn bunting	BoCC red listed*, local and scarce		✓	✓	✓
CK	Cuckoo	BoCC concern red listed, local and scarce	✓	✓		✓
CN	Common tern	BoCC amber listed, local		✓		✓
FC	Firecrest	Schedule 1, BoCC amber listed, local				✓
GA	Gadwall	BoCC amber listed, scarce breeding species		✓		✓
GH	Grasshopper warbler	BoCC red listed, local		✓		✓
GW	Garden warbler	local	✓			✓
H.	Grey heron	Localised breeding species				✓
KF	Kingfisher	Annex 1, Schedule 1, BoCC amber list			✓	✓
L.	Lapwing	BoCC red listed, localised flocks.	✓	✓	✓	✓
LG	Little grebe	BOCC Amber listed				✓
LS	Lesser spotted woodpecker	BoCC red listed, now local and scarce		✓	✓	✓
MA	Mallard	BoCC amber listed				✓
MP	Meadow Pipit	BoCC amber listed, localised breeding species	✓			✓
MT	Marsh tit	BoCC red listed, localised	✓	✓	✓	✓
N.	Nightingale	BoCC amber listed, scarce and local				✓
OC	Oystercatcher	BoCC amber listed, localised and scarce (WMM)		✓	✓	✓
P.	Grey partridge	BoCC red listed, scarce		✓	✓	✓
RK	Redshank	BoCC amber listed, scarce inland				✓
RN	Raven	Locally rare		✓		✓
SF	Spotted flycatcher	BoCC red listed, scarce		✓	✓	✓
SM	Sand martin	BoCC amber listed			✓	
SV	Shoveler	BoCC amber listed, scarce breeding species		✓		
TD	Turtle dove	BoCC red listed, local and scarce				✓
TS	Tree sparrow	BoCC red listed, local and scarce		✓	✓	✓
TU	Tufted duck	BoCC amber listed				✓
WK	Woodcock	BoCC amber listed, under-recorded				✓
WT	Willow tit	BoCC red listed, localised and v scarce		✓		✓
YW	Yellow wagtail	BoCC red listed, scarce and local		✓	✓	✓

* Birds of Conservation Concern, which are in severe decline. Easton et al (2009).

Map Name
EC-08 - Legend

Map Name
EC-08 - Breeding Birds - Protected and Notable Species Legend

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013.
Ordnance Survey Licence Number 100049190.

Doc Number: C250-ARP-EV-MAP-000-004056 **Date:** 23/10/13

DUNSMORE, WENDOVER AND HALTON

STOKE MANDEVILLE AND AYLESBURY

Stoke Mandeville Maintenance Loop

020-BB1-029001

AYLESBURY VALE DISTRICT

WYCOMBE DISTRICT

For Continuation Refer to Map Number EC-08-045

For Continuation Refer to Map Number EC-08-043

57+000

56+000

Stoke House

Mill House Farm

Stoke Grove Farm

Lower Meadow

Hideaway Farm

Springfield Farm

Hunter's Leaze

Craycraft

The Hollies

QUILTERS' WAY

NASH LEE ROAD

NASH LEE LANE

A413

A4010

RISBOROUGH ROAD

L.

L.

L.

hs2

hs2

hs2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-044b

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002251-P06.00

Date: 28/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

Stoke Mandeville
Brookmead
Manor Farm
LOWER ROAD
IRWINE DRIVE
SWALLOW LANE
BRUDENELL DRIVE
CHESTNUT WAY
YEW TREE CLOSE
A4010
CHAPEL LANE
Yew Tree Farm
Moat Farm
Squirrel Farm
AYLESBURY VALE DISTRICT
020-BB1-029001
Stoke Mandeville Maintenance Loop
Stoke House
Brook Farm
For Continuation Refer to Map Number EC-08-046
For Continuation Refer to Map Number EC-08-044b
YW
L
59+000
58+000
Whitethorn Farm
OLD RISBOROUGH ROAD
Mill House Farm
MARSH LANE
WYCOMBE DISTRICT
Bucks Goat Centre
RISBOROUGH ROAD
For Continuation Refer to Map Number EC-08-045-L1

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-045

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

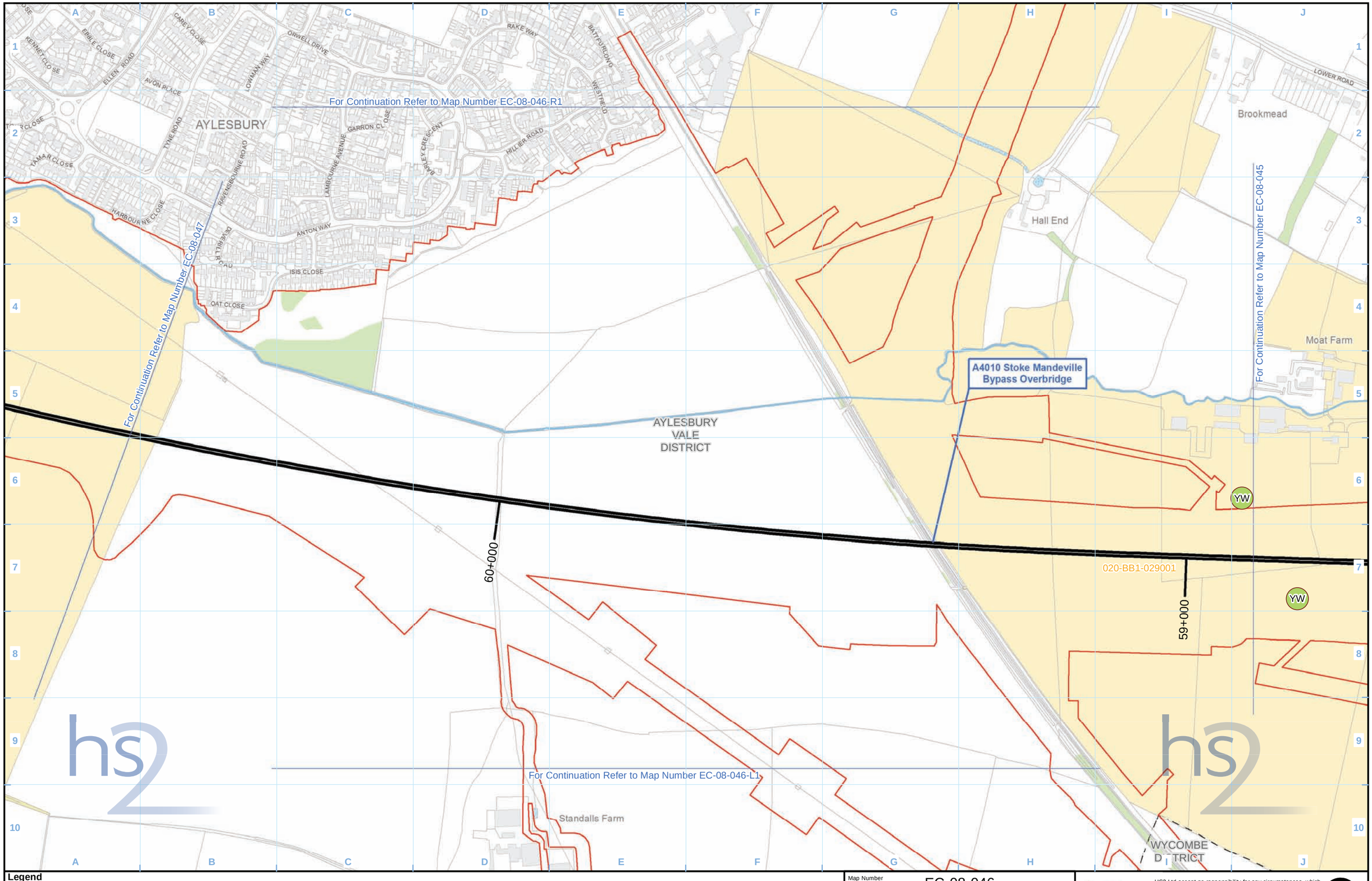
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002252-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-046

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

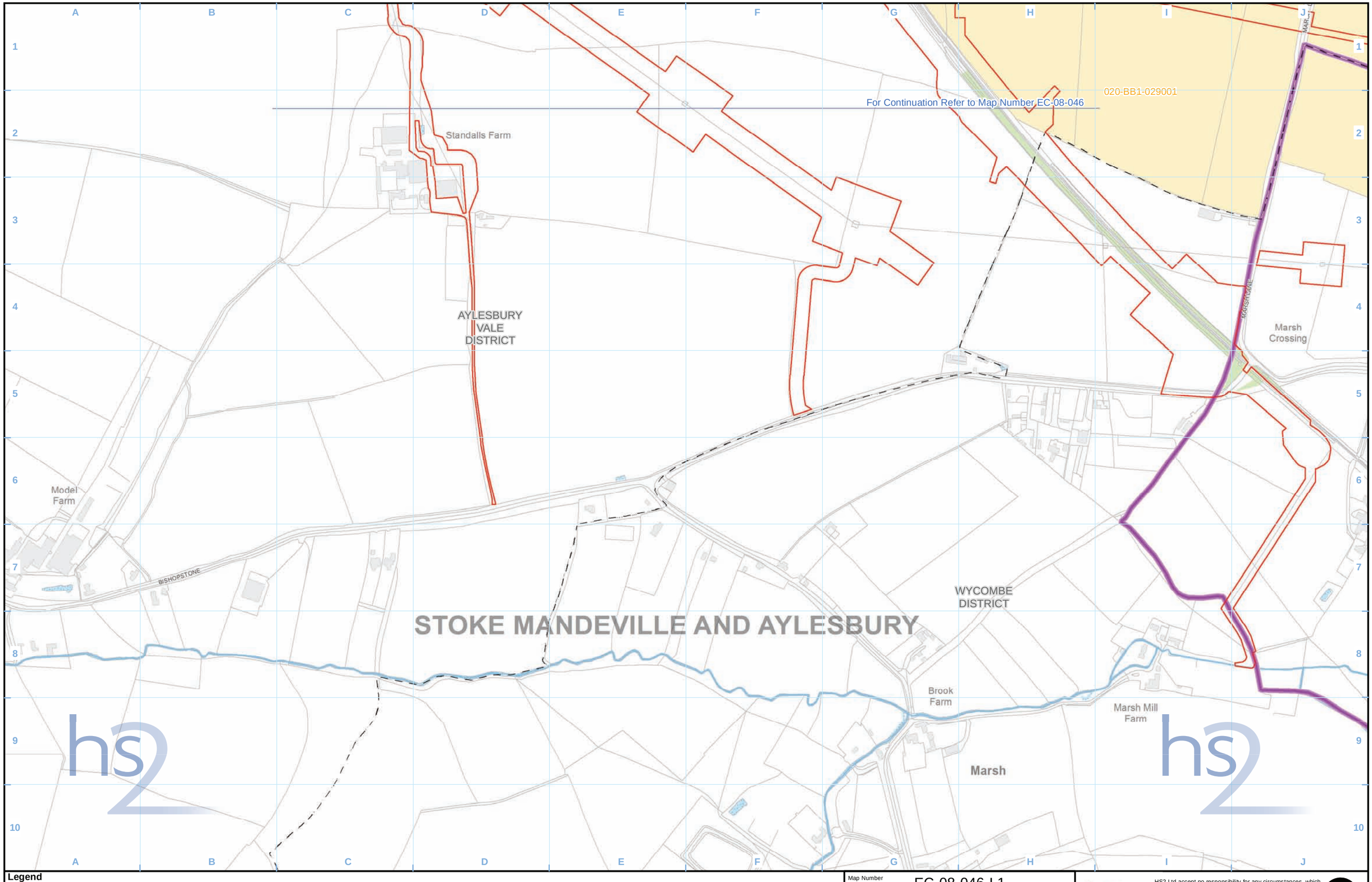
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002254-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-046-L1

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

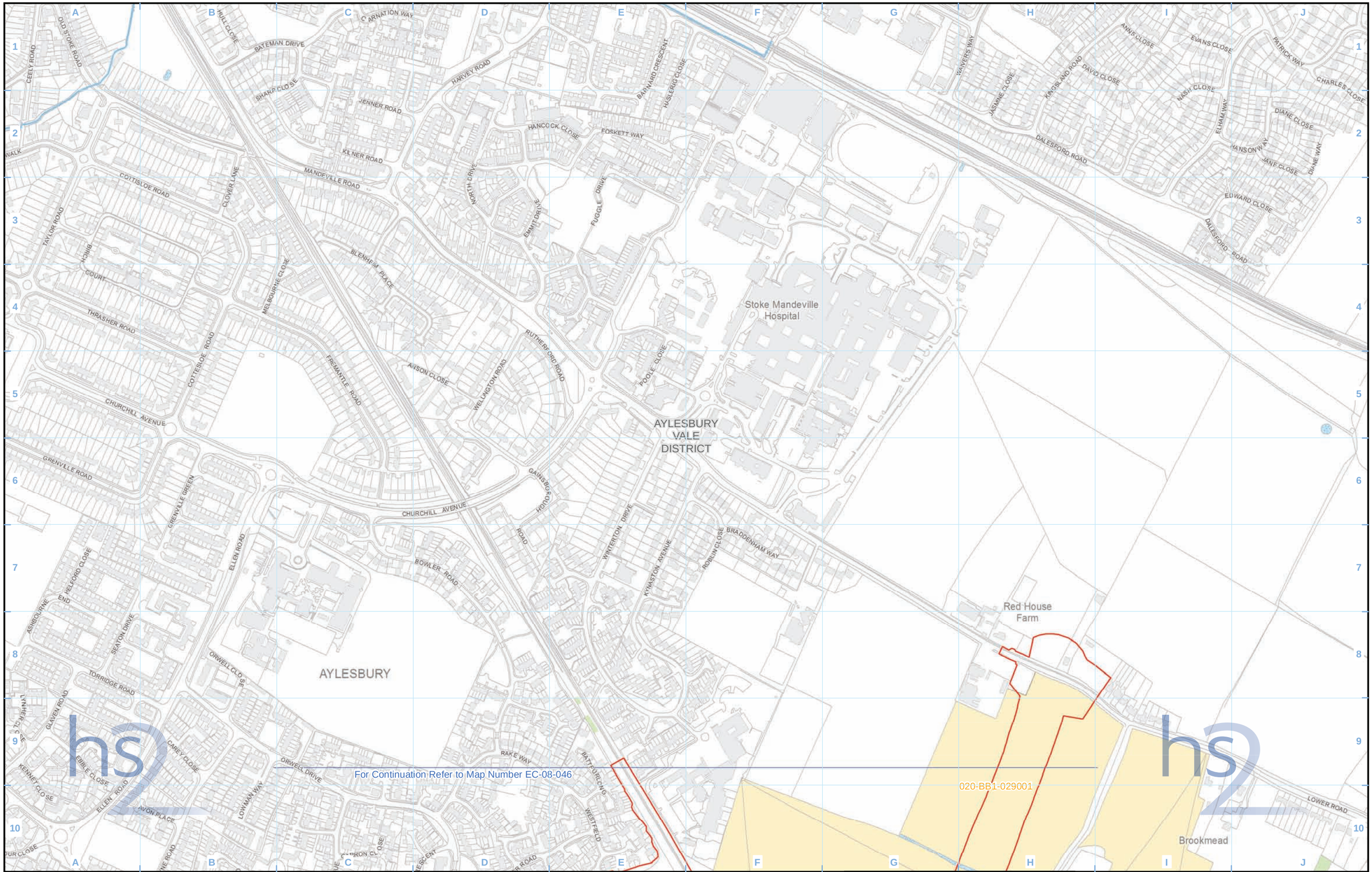
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002255-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-046-R1

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

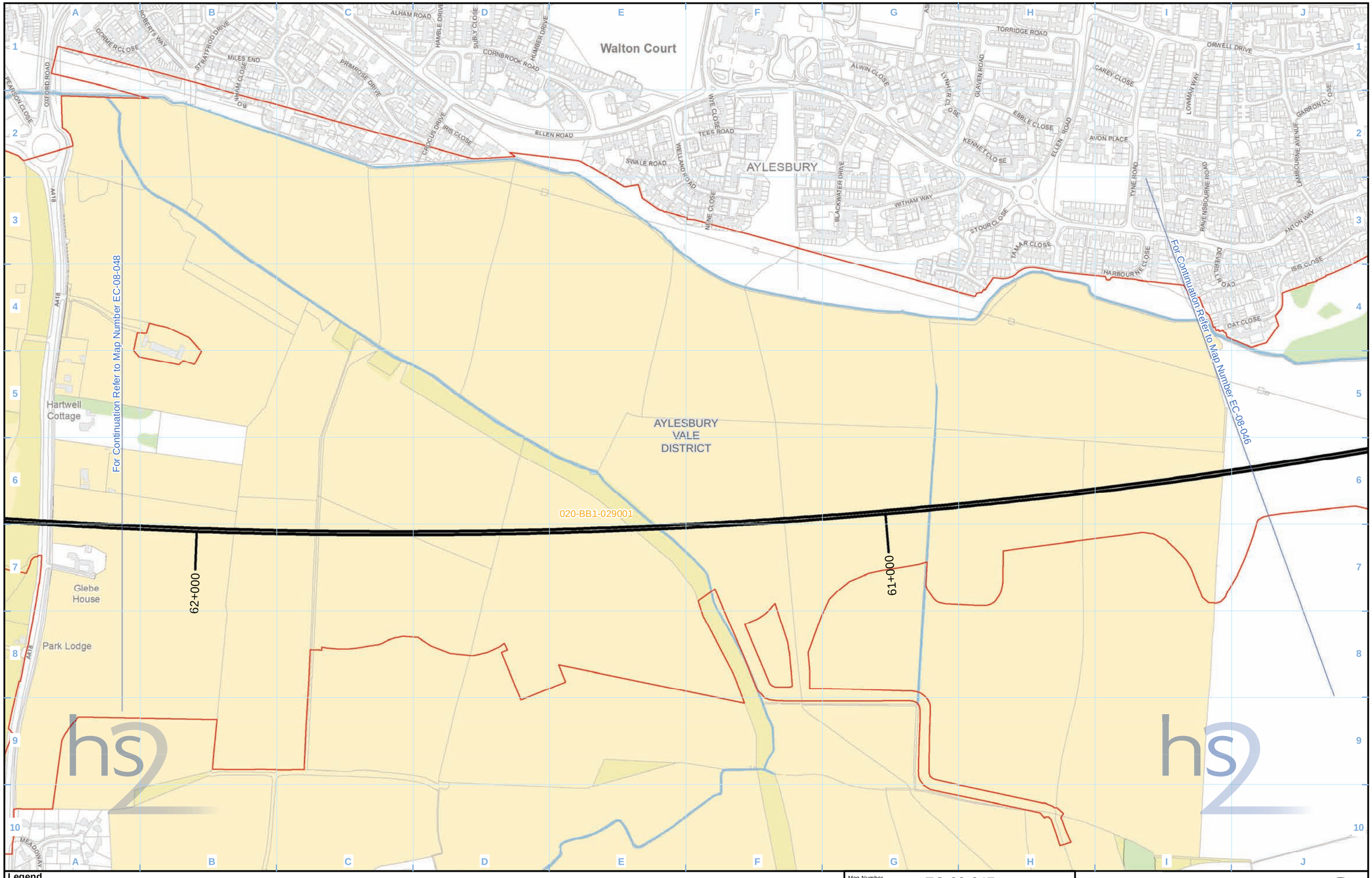
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002256-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-047

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

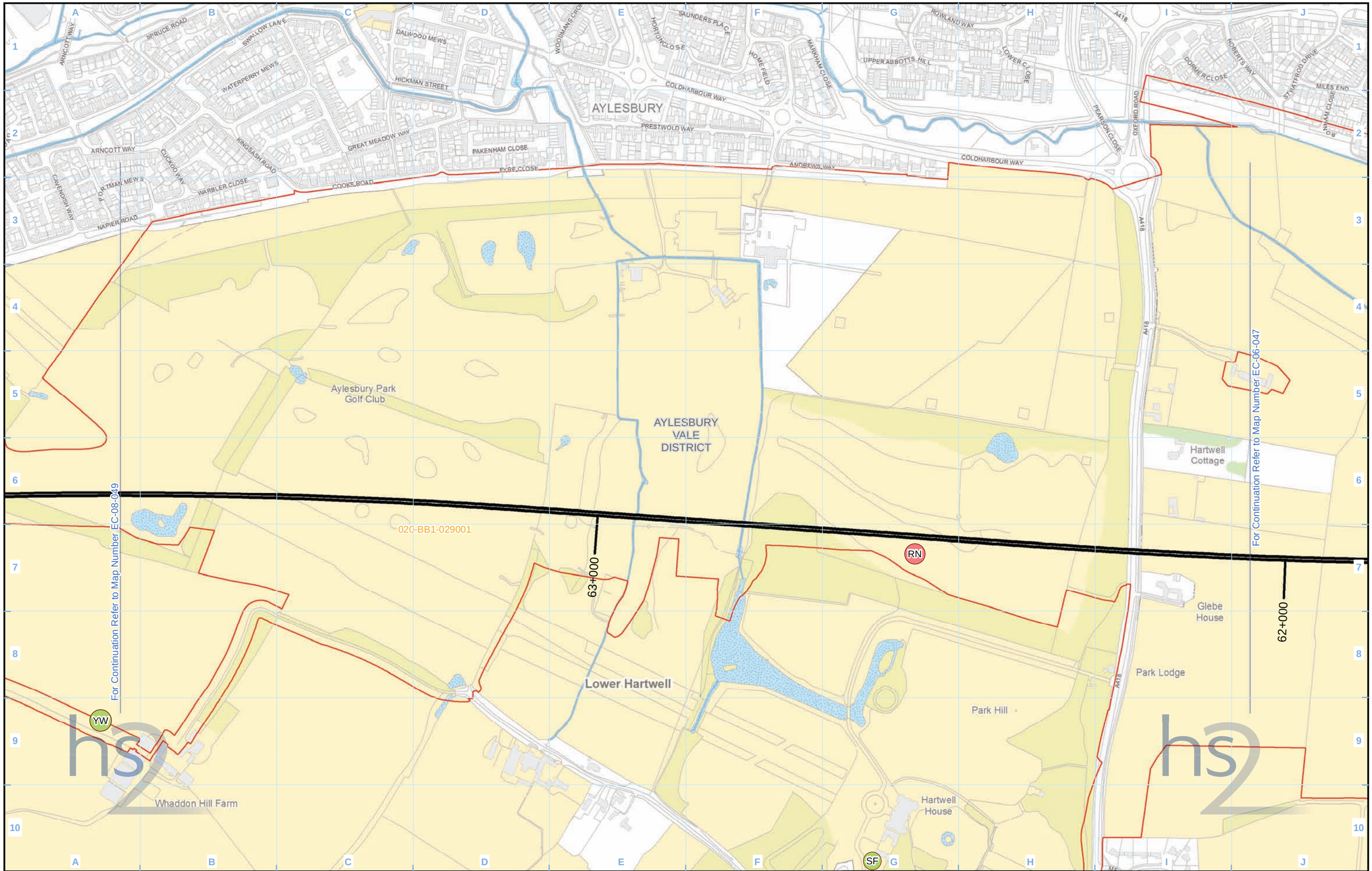
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002257-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-048

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

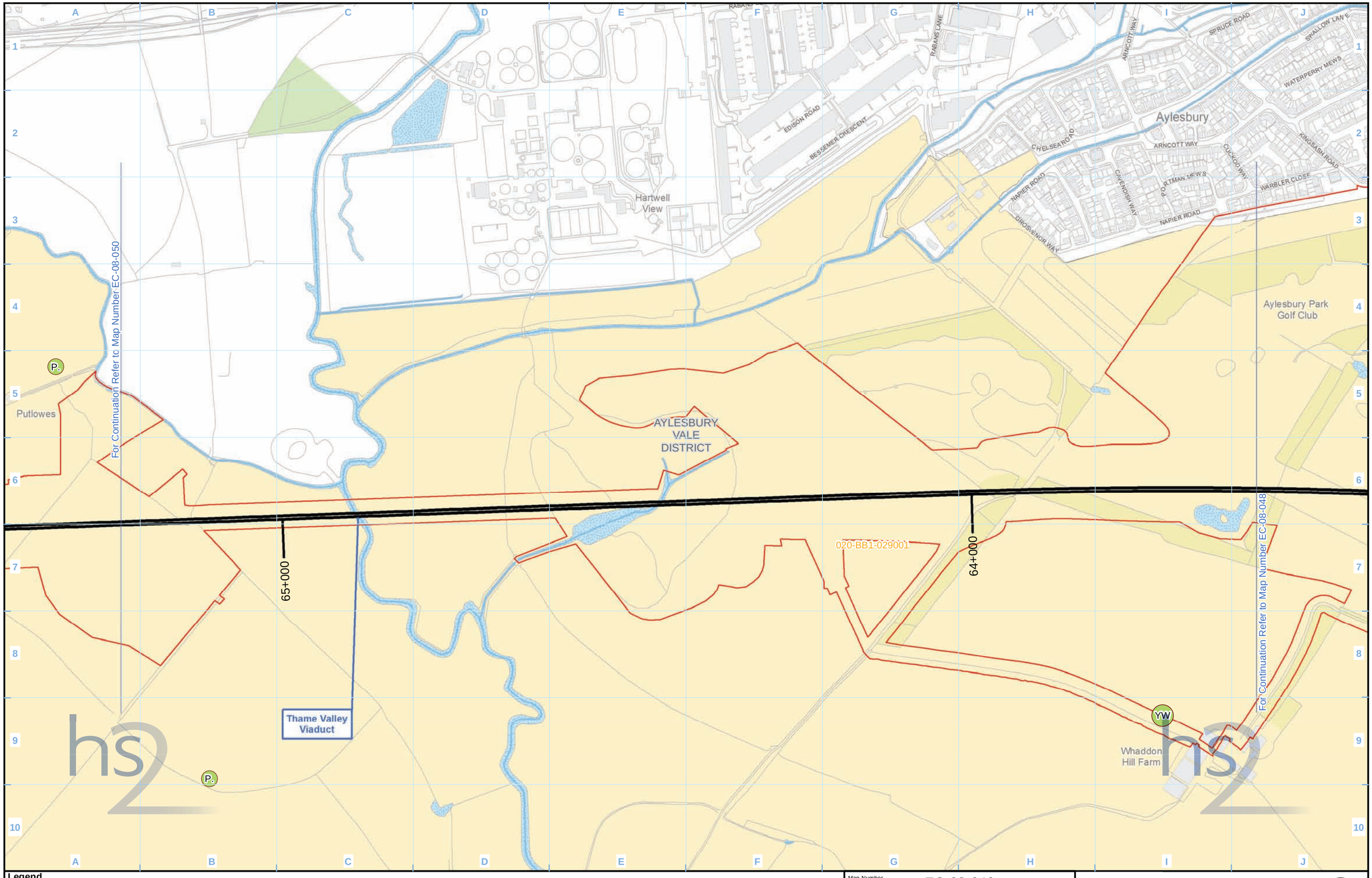
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002258-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-049

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002259-P06.00

Date: 28/10/13

Hunters Farm Industrial Estate

Old Recotry Cottage

Wayside Farm

Fleet Marston

A41

PUTLOWES DRIVE

Putlowes Cottages

Putlowes

For Continuation Refer to Map Number EC-08-051a

For Continuation Refer to Map Number EC-08-049

AYLESBURY VALE DISTRICT

020-BB1-029001

000+99

Fleet Marston Spinney

Thame Valley Viaduct

YW

L.

P.

CB

hs2

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-050

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

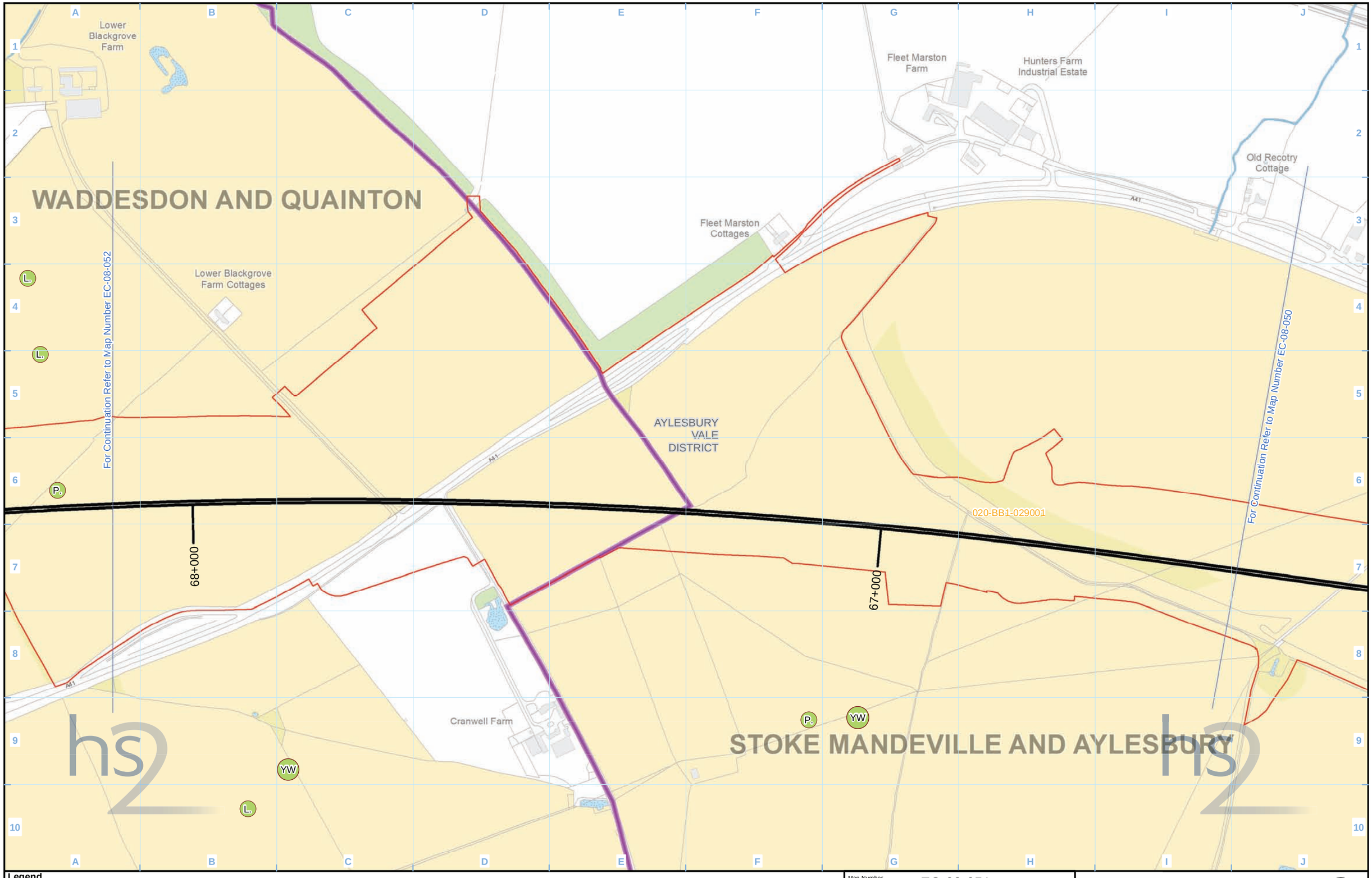
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002260-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Breeding birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevent to assessment - See Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 of Appendices
- Breeding birds - survey extent

For full legend please refer to EC-08 - Legend page

Map Number: EC-08-051a

Map Name: Breeding Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

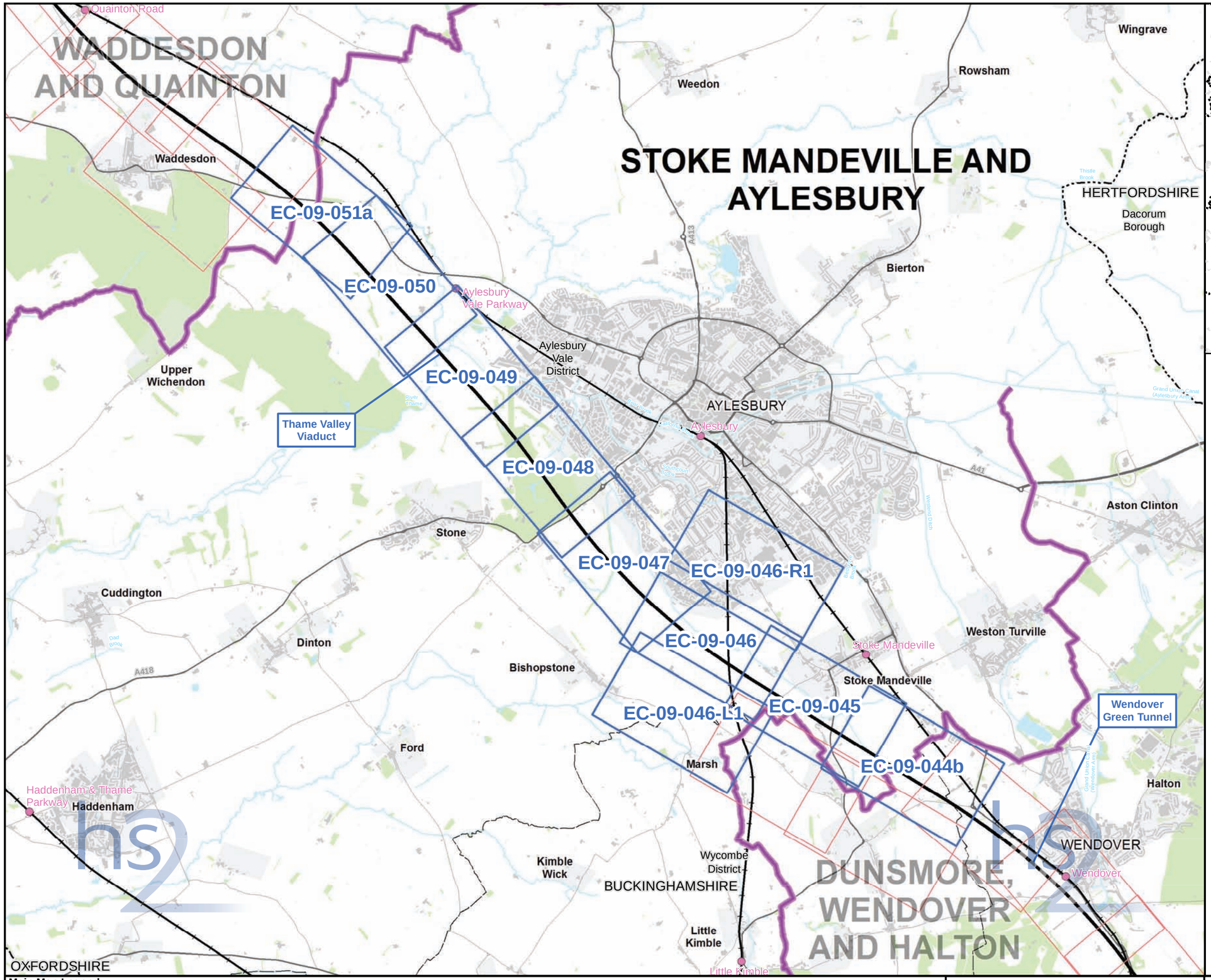
Doc Number: C252-ETM-EV-MAP-020-002261-P06.00

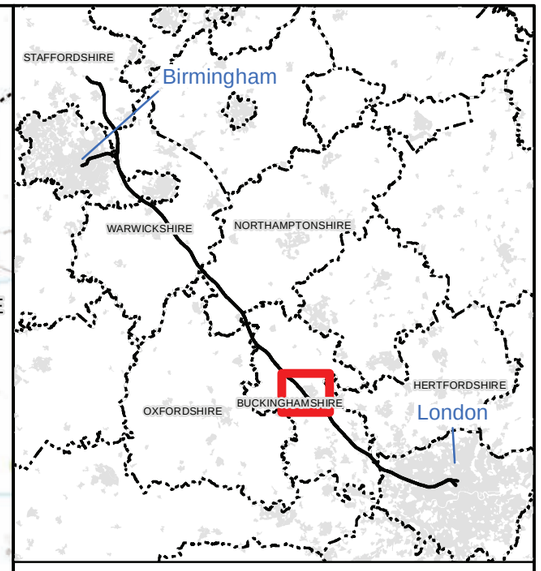
Date: 28/10/13

This page is left intentionally blank

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-09 – Wintering and Passage Birds – Protected and Notable Species





Map Series Information:

This map series shows records of selected protected/notable wintering birds that are considered most relevant in considering the impacts of the Proposed Scheme.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-09-INDEX-CFA11

Map Name: Index Map of: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002863-P06.00

Date: 24/10/13

			Community Forum Area (CFA) where species recorded and considered relevant to the assessment			
BTO species code	**Common name**	**Protected status**	**CFA 1-6**	**CFA 7-15**	**CFA 16-22**	**CFA 23-26**
BC	Blackcap	Scarce in winter				✓
BL	Brambling	Schedule 1		✓	✓	✓
BO	Barn owl	Schedule 1, BoCC amber listed*, localised and scarce			✓	✓
CB	Corn bunting	BoCC red listed**, local and scarce			✓	✓
CC	Chiffchaff	Scarce in winter				✓
CW	Cetti's warbler	Schedule 1, scarce and local		✓		✓
ET	Little egret	Annex 1, BoCC amber listed, scarce	✓	✓	✓	✓
GA	Gadwall	BoCC amber List		✓	✓	✓
GE	Green sandpiper	Schedule 1, scarce and local in winter		✓	✓	✓
GN	Goldeneye	BOCC amber list		✓		
GP	Golden plover	Annex 1, BoCC amber listed, localised flocks		✓	✓	✓
JS	Jack snipe	BoCC amber list			✓	
KF	Kingfisher	Annex 1, Schedule 1, BoCC amber list	✓	✓	✓	
KT	Red Kite	Annex 1, Schedule 1, BoCC amber listed	✓	✓		
L.	Lapwing	BoCC red listed, localised flocks		✓	✓	✓
LE	Long-eared owl	Local and scarce				✓
LG	Little grebe	BoCC amber listed			✓	✓
LS	Lesser spotted woodpecker	BoCC red listed, now local and scarce		✓	✓	✓
MA	Mallard	BoCC amber listed				✓
ML	Merlin	Annex 1, Schedule 1, BoCC amber listed		✓		
MT	Marsh tit	BoCC red listed, localised		✓	✓	✓
P.	Grey partridge	BoCC red listed, scarce		✓	✓	✓
PE	Peregrine	Annex 1, Schedule 1		✓	✓	
PO	Pochard	BoCC amber listed		✓	✓	✓
RN	Raven	Locally rare		✓		✓
S.	Skylark	BoCC red listed, localised flocks				✓
SN	Snipe	BoCC amber listed, localised flocks			✓	✓
SU	Shelduck	BOCC amber listed			✓	✓
SV	Shoveler	BoCC amber listed, scarce breeding species		✓		✓
T.	Teal	BoCC amber listed		✓	✓	✓
TS	Tree sparrow	BoCC red listed, local and scarce		✓	✓	✓
TU	Tufted duck	BoCC amber listed			✓	✓
WK	Woodcock	BoCC amber listed, under-recorded		✓	✓	✓
WN	Wigeon	BoCC amber listed		✓		✓
WT	Willow tit	BoCC red listed, localised and very scarce		✓	✓	✓

* Birds of Conservation Concern, which are declining moderately. Eaton, M.A., Brown, A.F., Noble, D.G., Musgrove, A.J., Hearn, R., Aebischer, N.J., Gibbons, D.W., Evans, A. and Gregory, R.D. (2009) Birds of Conservation Concern 3: the population status of birds in the United Kingdom, Channel Islands and the Isle of Man. British Birds 102, pp296-341.
** Birds of Conservation Concern, which are severely decline. Easton et al (2009).

Map Name
EC-09 - Legend

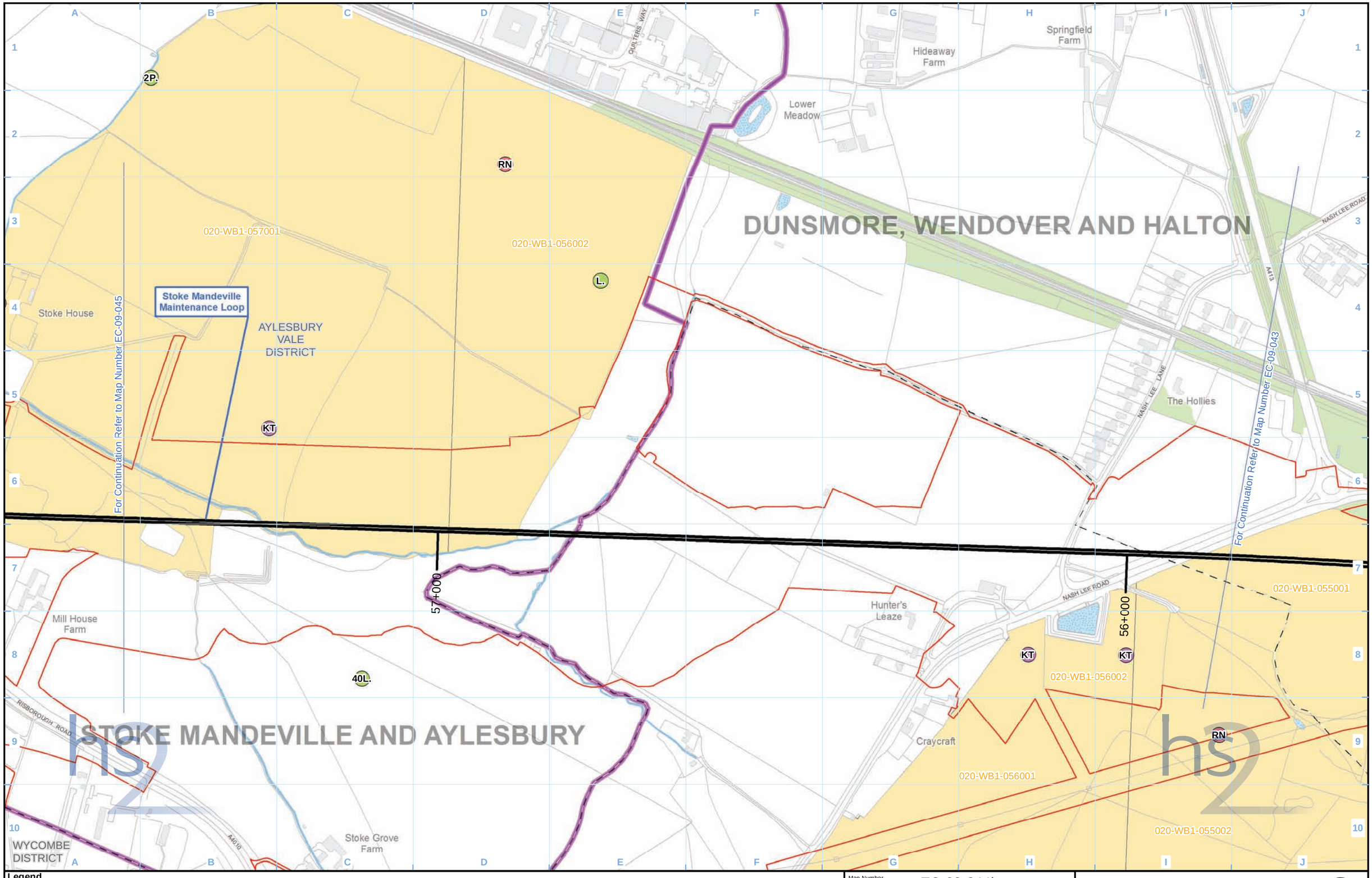
Map Name
EC-09 - Wintering and Passage Birds - Protected and Notable Species Legend

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013.
Ordnance Survey Licence Number 100049190.

Doc Number: C250-ARP-EV-MAP-000-004057 **Date:** 23/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-044b

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002312-P06.00

Date: 27/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

Stoke Mandeville

Brookmead

Manor Farm

Moat Farm

Squirrel Farm

Yew Tree Farm

Brook Farm

AYLESBURY VALE DISTRICT

Stoke House

Stoke Mandeville Maintenance Loop

Whitethorn Farm

Mill House Farm

WYCOMBE DISTRICT

Bucks Goat Centre

LOWER ROAD

IRVINE DRIVE

SWALLOW LANE

BRUDENELL DRIVE

CHESTNUT WAY

YEW TREE CLOSE

CHAPEL LANE

A4010

MARSH LANE

OLD RISBOROUGH ROAD

RISBOROUGH ROAD

020-WB1-057001

020-WB1-059001

59+000

58+000

For Continuation Refer to Map Number EC-09-046

For Continuation Refer to Map Number EC-09-044b

For Continuation Refer to Map Number EC-09-045-L1

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-045

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

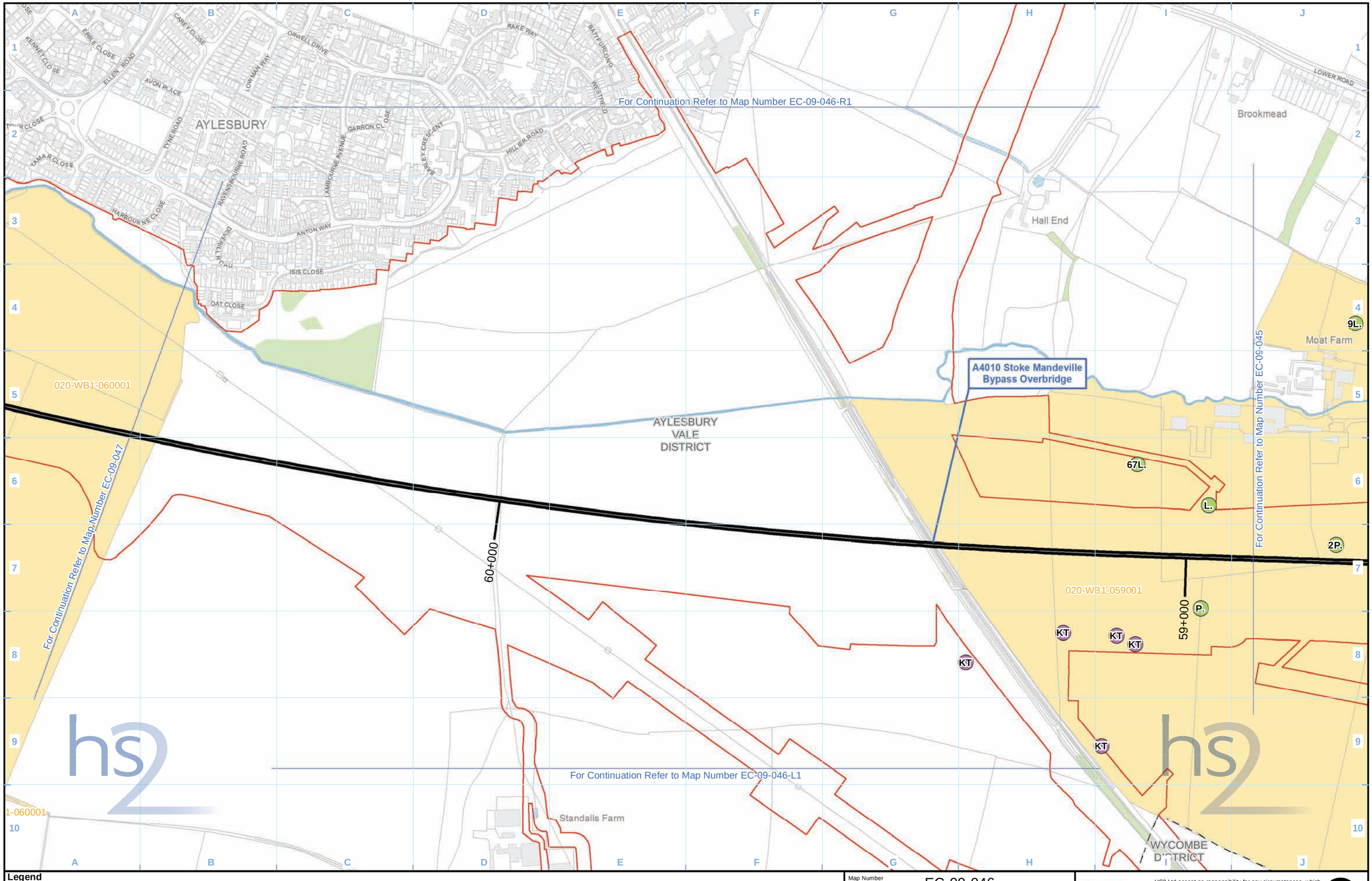
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002313-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-046

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

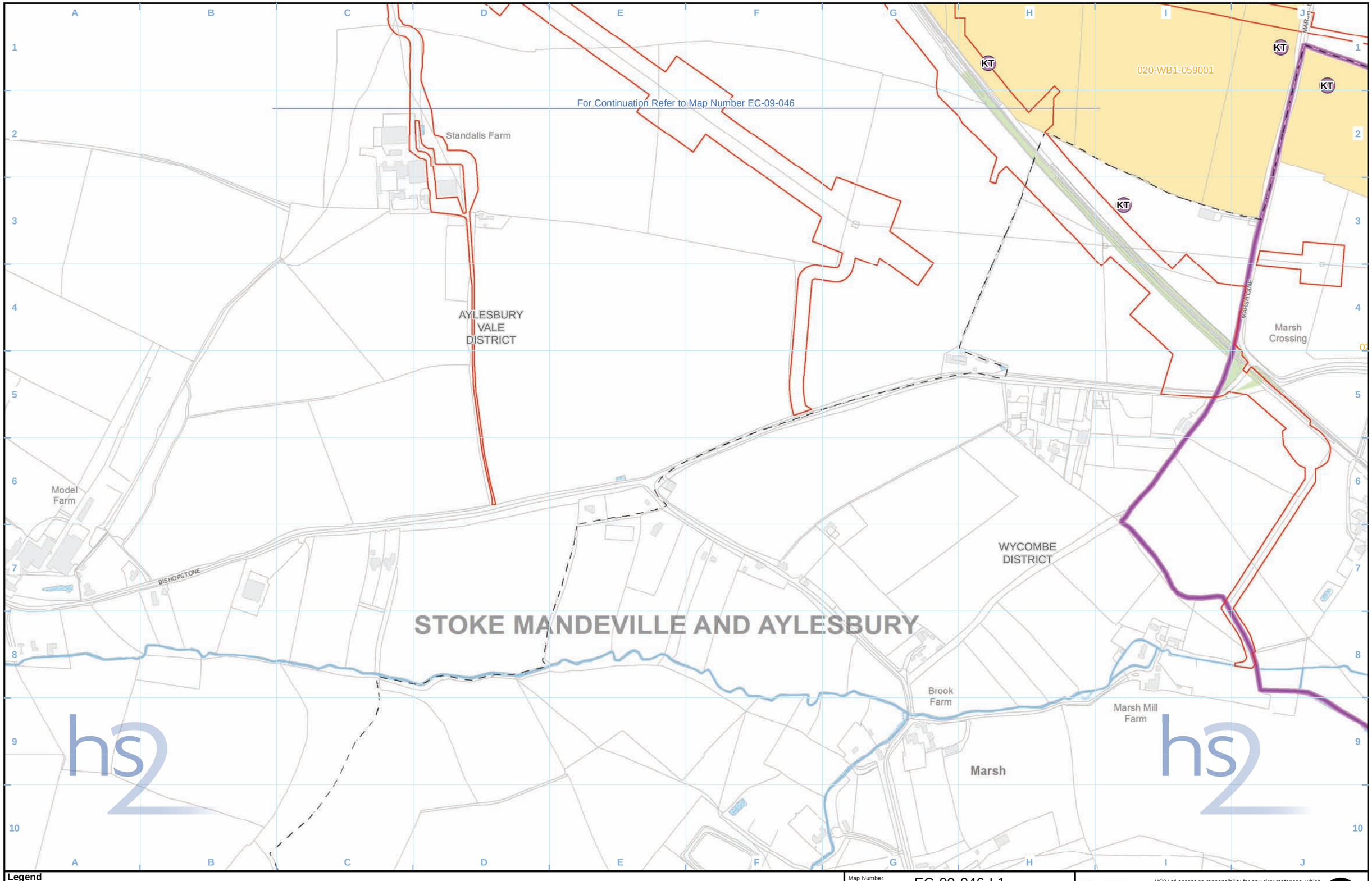
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002315-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-046-L1

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

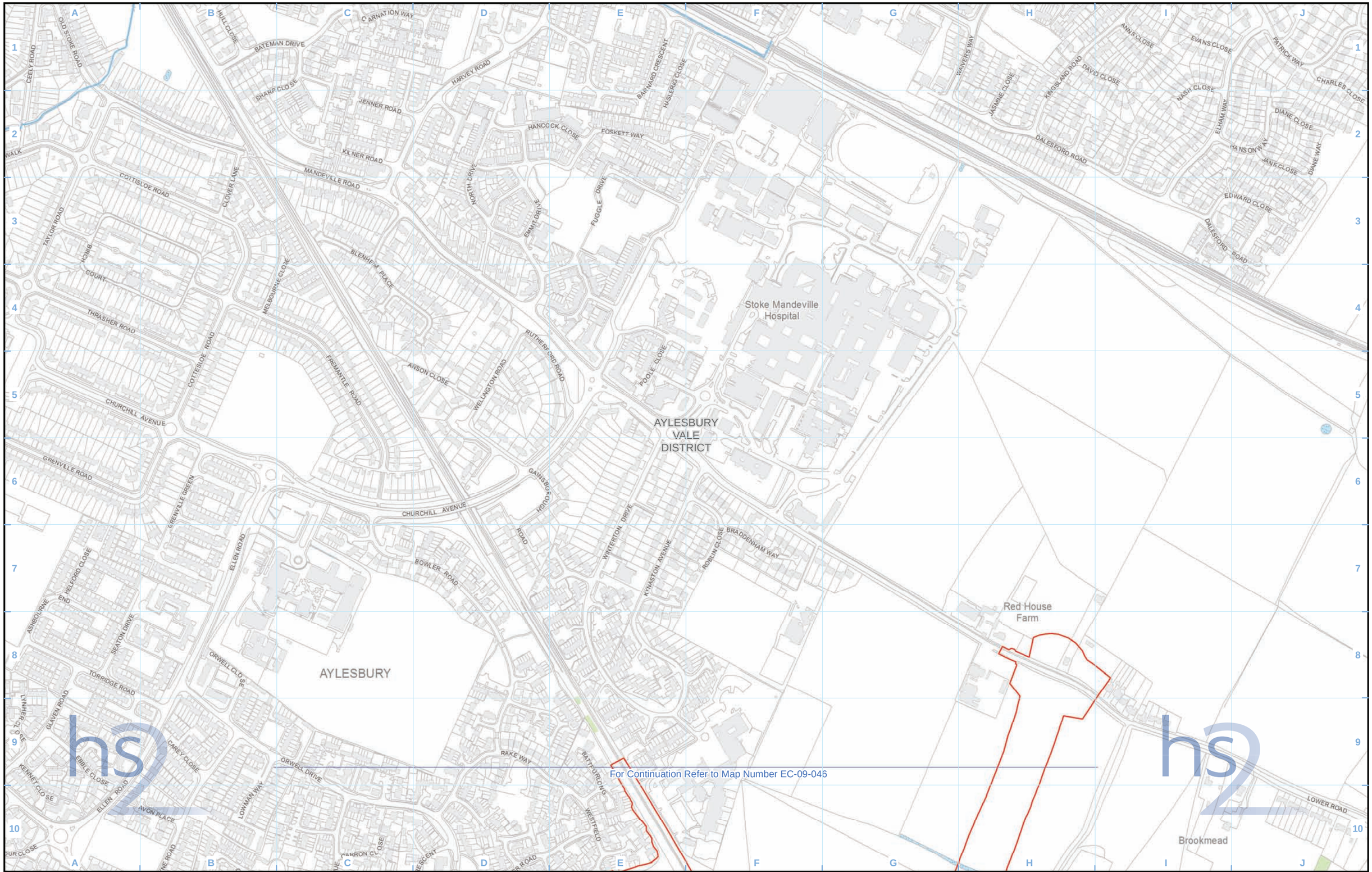
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002316-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-046-R1

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

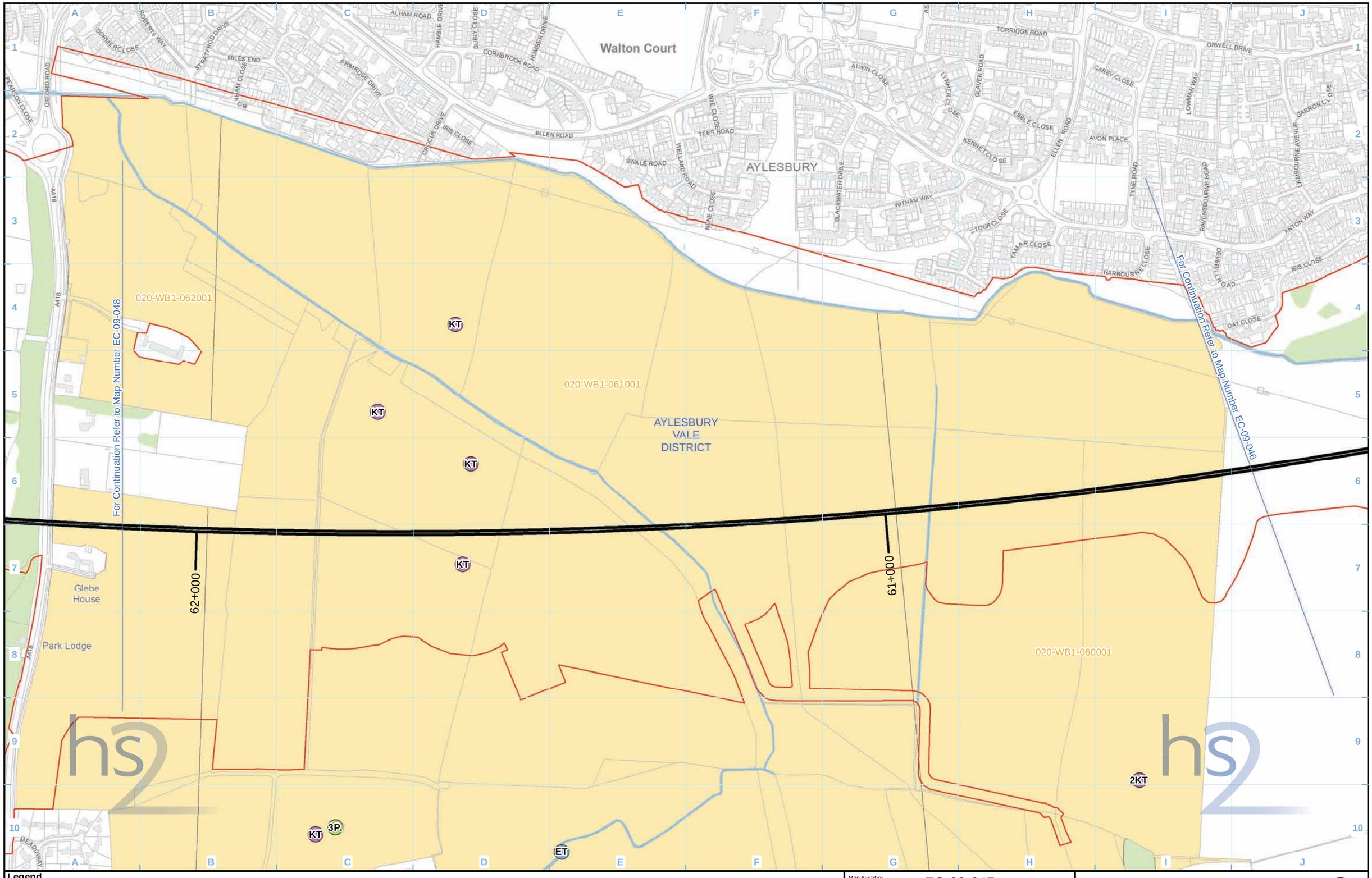
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002317-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-047

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002318-P06.00

Date: 27/10/13

AYLESBURY

AYLESBURY VALE DISTRICT

Aylesbury Park Golf Club

Lower Hartwell

Whaddon Hill Farm

Glebe House

Park Lodge

Park Hill

Hartwell House

020-WB1-062001

020-WB1-061001

63+000

62+000

For Continuation Refer to Map Number EC-09-049

For Continuation Refer to Map Number EC-09-047

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-048

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

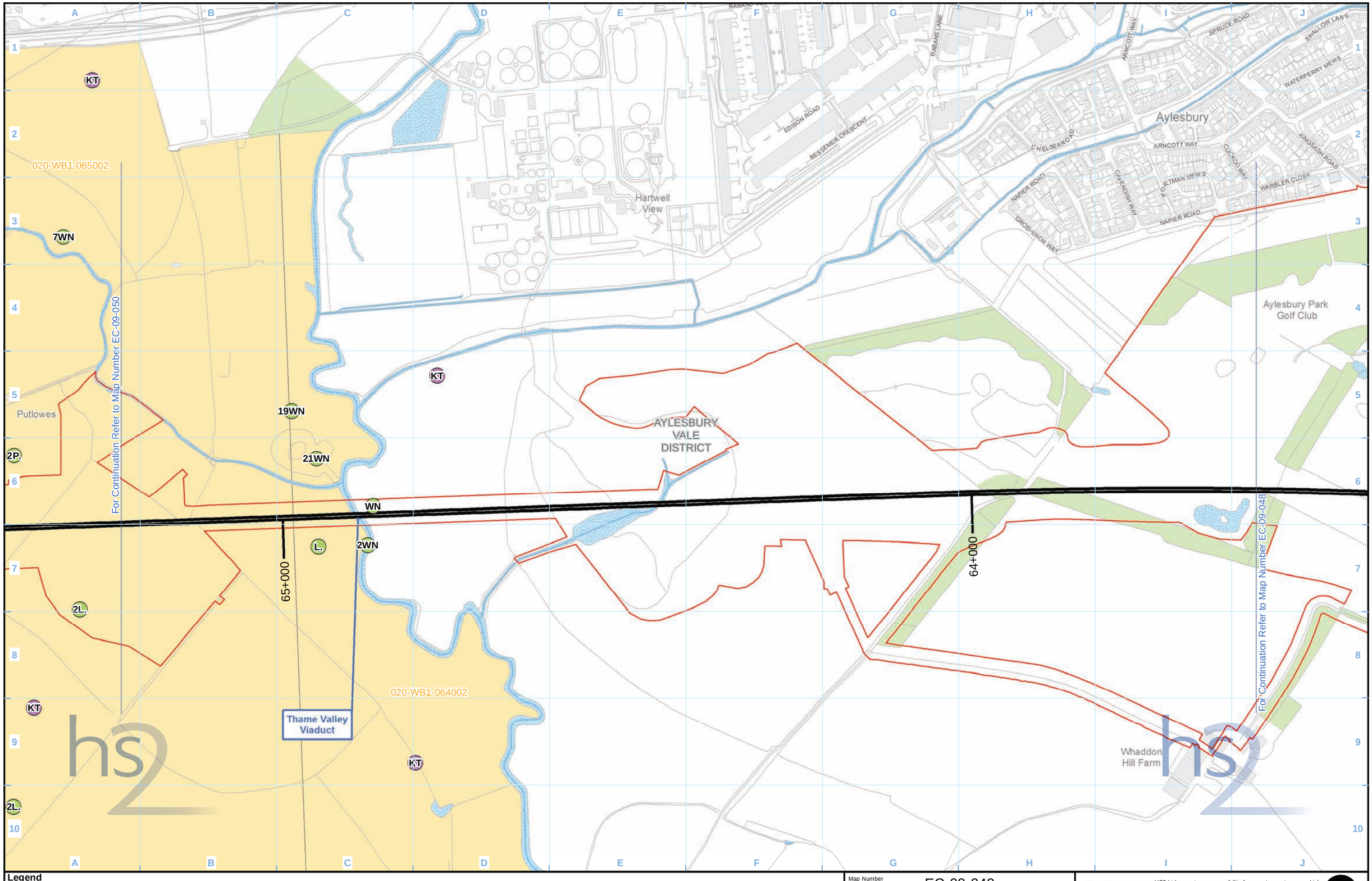
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002319-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-049

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002320-P06.00

Date: 27/10/13

Hunters Farm Industrial Estate

Fleet Marston

Wayside Farm

A41

PUTLOWES DRIVE

Putlowes Cottages

Putlowes

020-WB1-065002

For Continuation Refer to Map Number EC-09-051a

For Continuation Refer to Map Number EC-09-049

AYLESBURY VALE DISTRICT

000+99

Fleet Marston Spinney

Thame Valley Viaduct

020-WB1-066002

KT KF 7WN 2KT L. 2P. 30GP 23WN 30WN 2L. 12L. RN 42L.

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-050

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

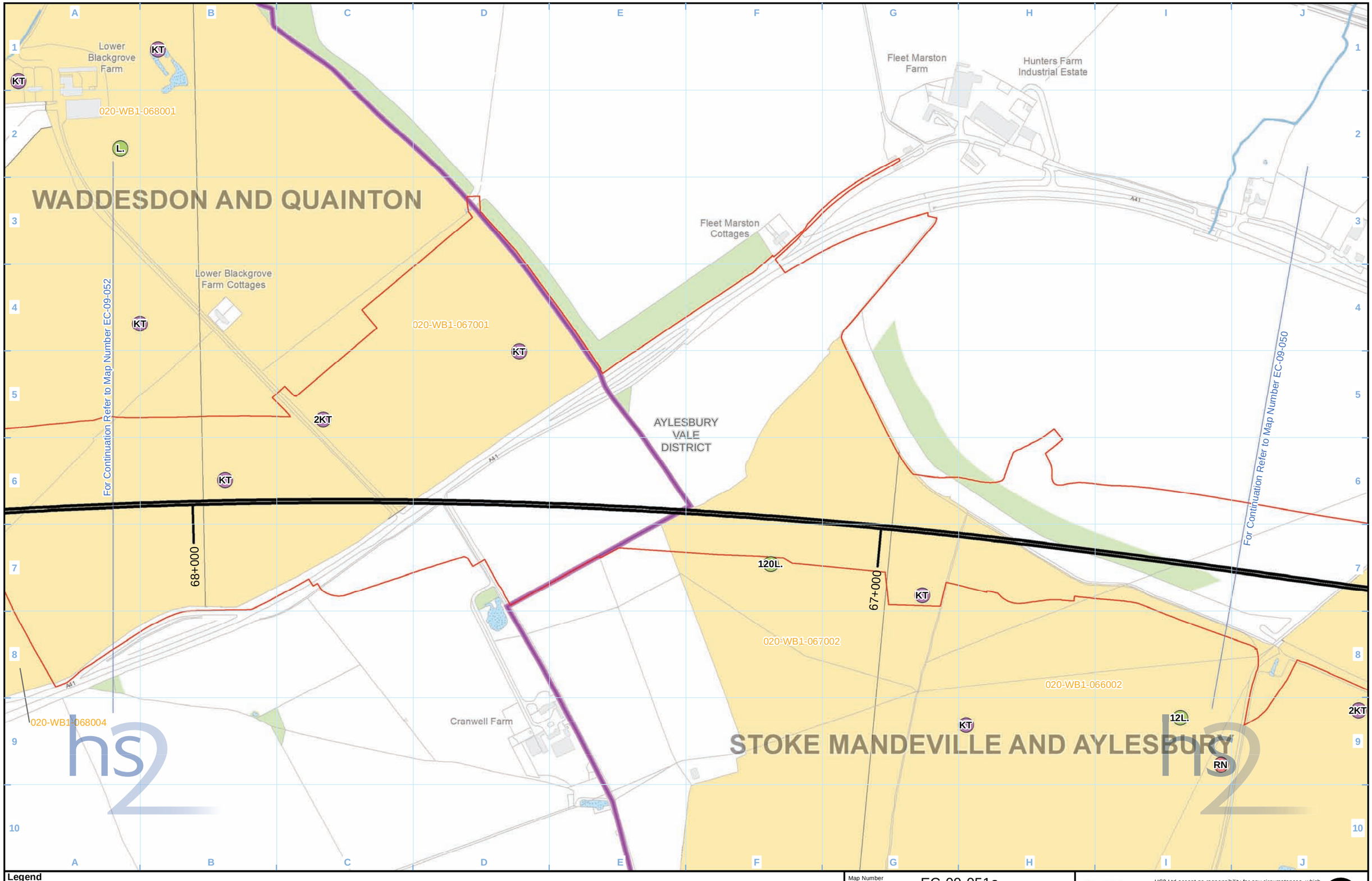
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002321-P06.00

Date: 27/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Wintering and passage birds - protection status:

- Species listed on Annex I of the Birds Directive
- Species listed on Schedule 1 of the Wildlife and Countryside Act
- Species listed on Annex I of the Birds Directive and Schedule 1 of the Wildlife and Countryside Act
- Species listed on Birds and Conservation Concern list relevant to assessment - see Volume 5 Appendices
- Other notable species relevant to assessment - see Volume 5 Appendices
- Wintering and passage birds - survey extent

For full legend please refer to EC-09 - Legend page

Map Number: EC-09-051a

Map Name: Wintering and Passage Birds - Protected and Notable Species

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

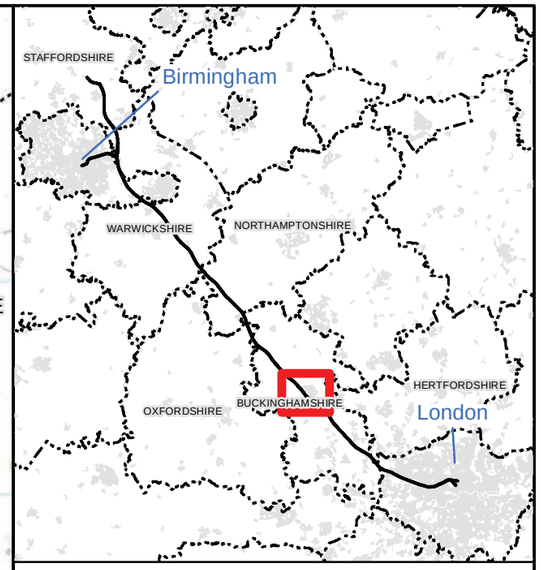
Doc Number: C252-ETM-EV-MAP-020-002322-P06.00

Date: 27/10/13

This page is left intentionally blank

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-10 – Phase 2 Habitat Survey



Map Series Information:

This map series shows the extent of detailed habitat surveys undertaken to inform the Environmental Statement.The map shows the location of hedgerows that qualify as 'important hedgerows' under the wildlife and landscape criteria of the Hedgerows Regulations (1997).

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-10-INDEX-CFA11

Map Name: Index Map of: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

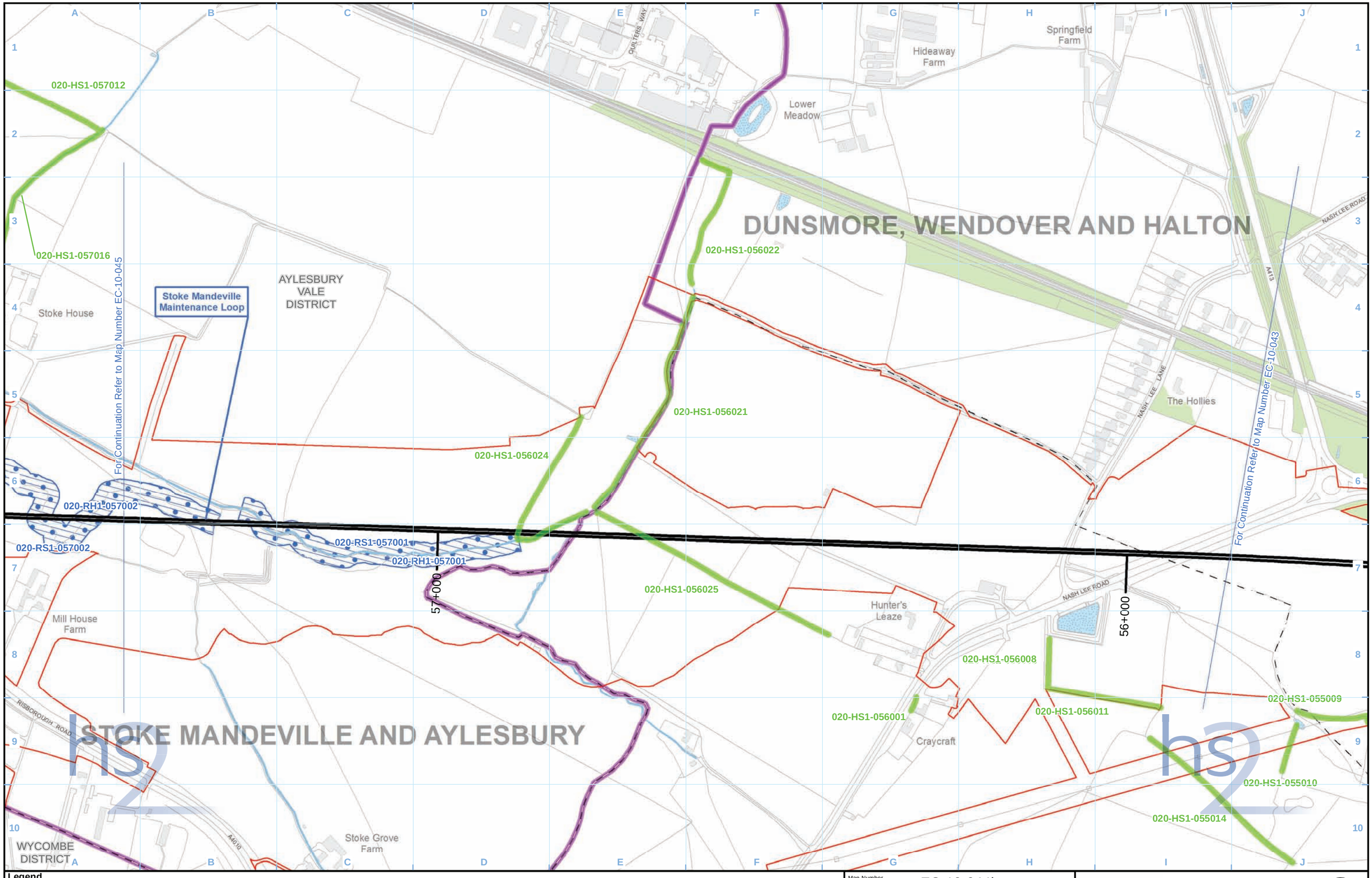
© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002872-P06.00

Date: 24/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-044b

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002505-P06.00

Date: 29/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

020-HS1-059004
020-HS1-059006
020-HS1-057012
020-HS1-057014
020-HS1-057016
020-HS1-057015
020-HS1-058023
020-RS1-058001
020-RH1-058001
020-HS1-058017
020-HS1-058024
020-HS1-058027
020-HS1-058008
020-HS1-058025
020-HS1-058026
020-HS1-057011
020-RS1-057002
020-RH1-057002
020-RS1-057001
020-RH1-057001

Brookmead
Manor Farm
Stoke Mandeville
Moat Farm
Brook Farm
Squirrel Farm
Yew Tree Farm
Stoke House
Stoke Mandeville Maintenance Loop
AYLESBURY VALE DISTRICT
Whitethorn Farm
Mill House Farm
WYCOMBE DISTRICT
Bucks Goat Centre

LOWER ROAD
IRVINE DRIVE
SWALLOW LANE
BRUDENELL DRIVE
CHESTNUT WAY
YEW TREE CLOSE
CHAPEL LANE
A4010
OLD RISBOROUGH ROAD
RISBOROUGH ROAD
MARSH LANE

59+000
58+000

For Continuation Refer to Map Number EC-10-046
For Continuation Refer to Map Number EC-10-044b
For Continuation Refer to Map Number EC-10-045-L1

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-045

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

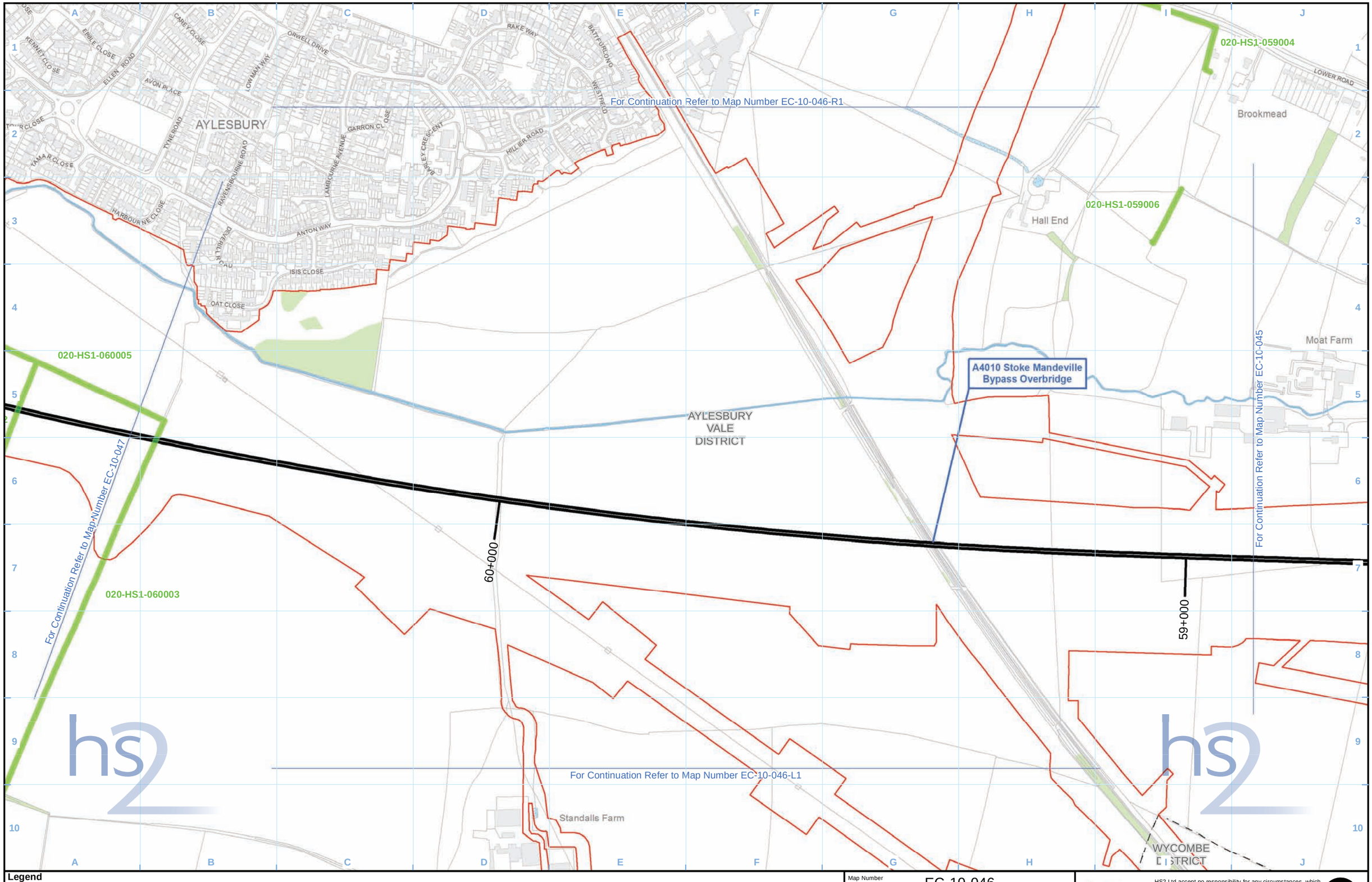
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002358-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-046

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

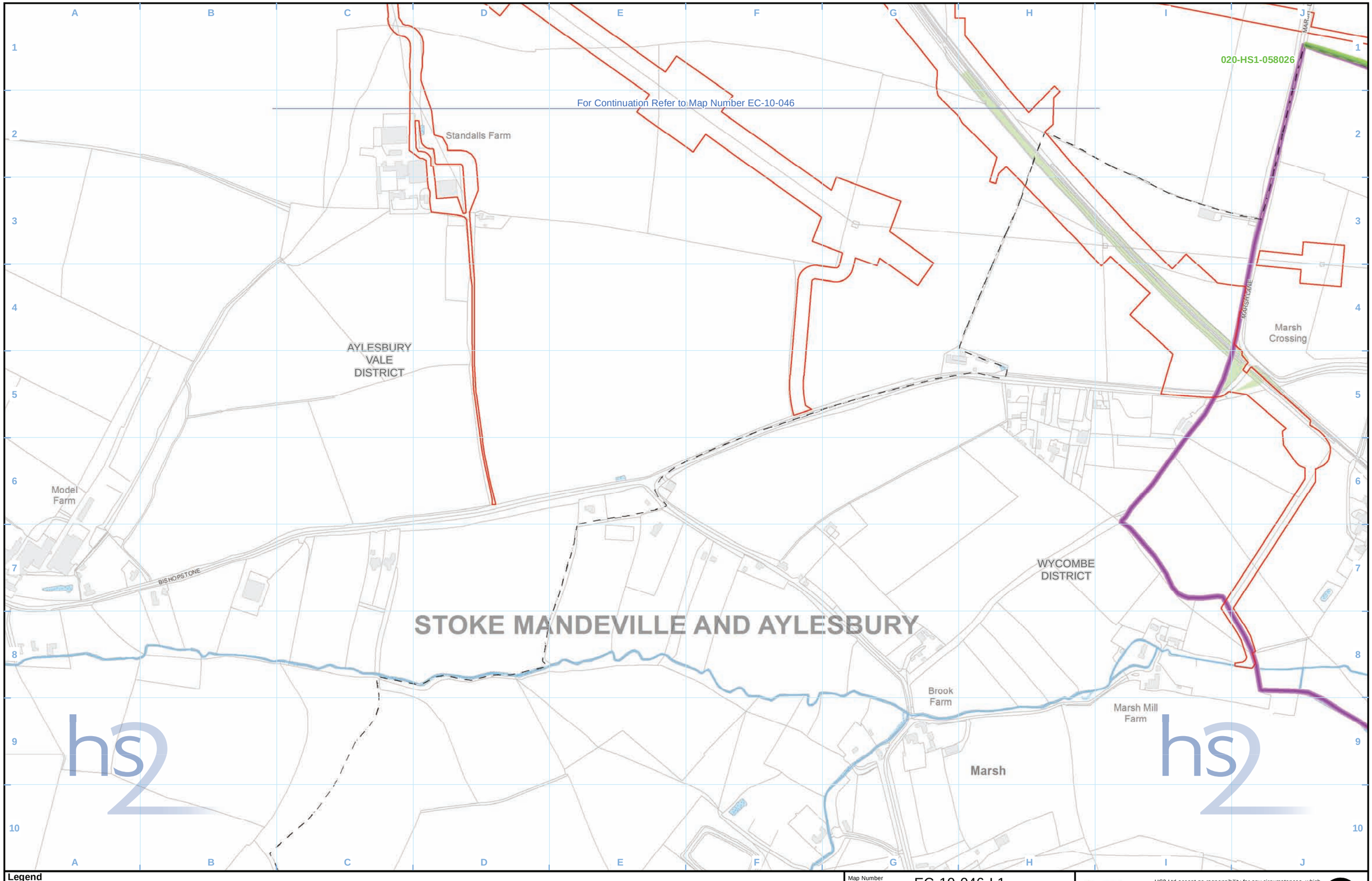
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002359-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-046-L1

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

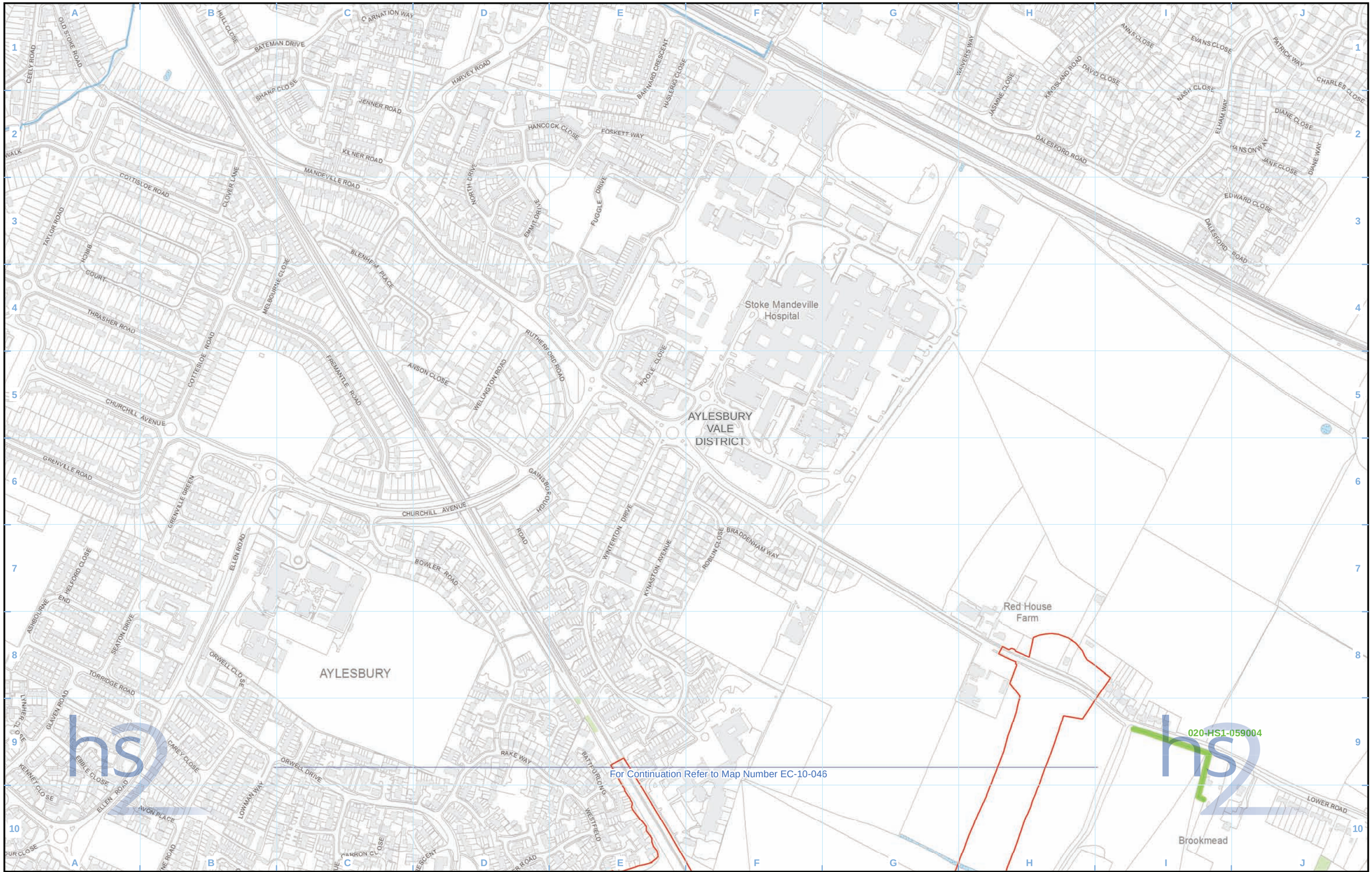
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003315-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-046-R1

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003316-P06.00

Date: 29/10/13

Walton Court
AYLESBURY
AYLESBURY VALE DISTRICT
Glebe House
Park Lodge
ALHAM ROAD
ROBERTS WAY
DORRIER CLOSE
STRATFORD DRIVE
MILES END
PRIMROSE DRIVE
CORNBROOK ROAD
HAMBLE DRIVE
SUBLY CLOSE
HUMBER DRIVE
OXFORD ROAD
PEARSON CLOSE
A418
CROCUS DRIVE
IRIS CLOSE
ELLEN ROAD
SWALE ROAD
WELLAND ROAD
NENE CLOSE
WYE CLOSE
TEES ROAD
BLACKWATER DRIVE
WITHAM WAY
ALWIN CLOSE
TORRIDGE ROAD
GLAVEN ROAD
KENNET CLOSE
EBBLE CLOSE
CAREY CLOSE
ORWELL DRIVE
LOWMAY WAY
AVON PLACE
TYNE ROAD
RAVENSBOURNE ROAD
LAMBOURNE AVENUE
GARRON CLOSE
ANTON WAY
STOUR CLOSE
YAMAR CLOSE
HARBOURNE CLOSE
DEVERILL ROAD
ISIS CLOSE
OAT CLOSE
MEADOWAY
For Continuation Refer to Map Number EC-10-048
For Continuation Refer to Map Number EC-10-046
62+000
61+000
020-HS1-061007
020-HS1-062001
020-HS1-061004
020-HS1-061001
020-HS1-061005
020-RS1-060001
020-RH1-060001
020-HS1-060005
020-HS1-060006
020-RH1-061001
020-RS1-061001
020-HS1-060002
020-HS1-060003

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-047

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

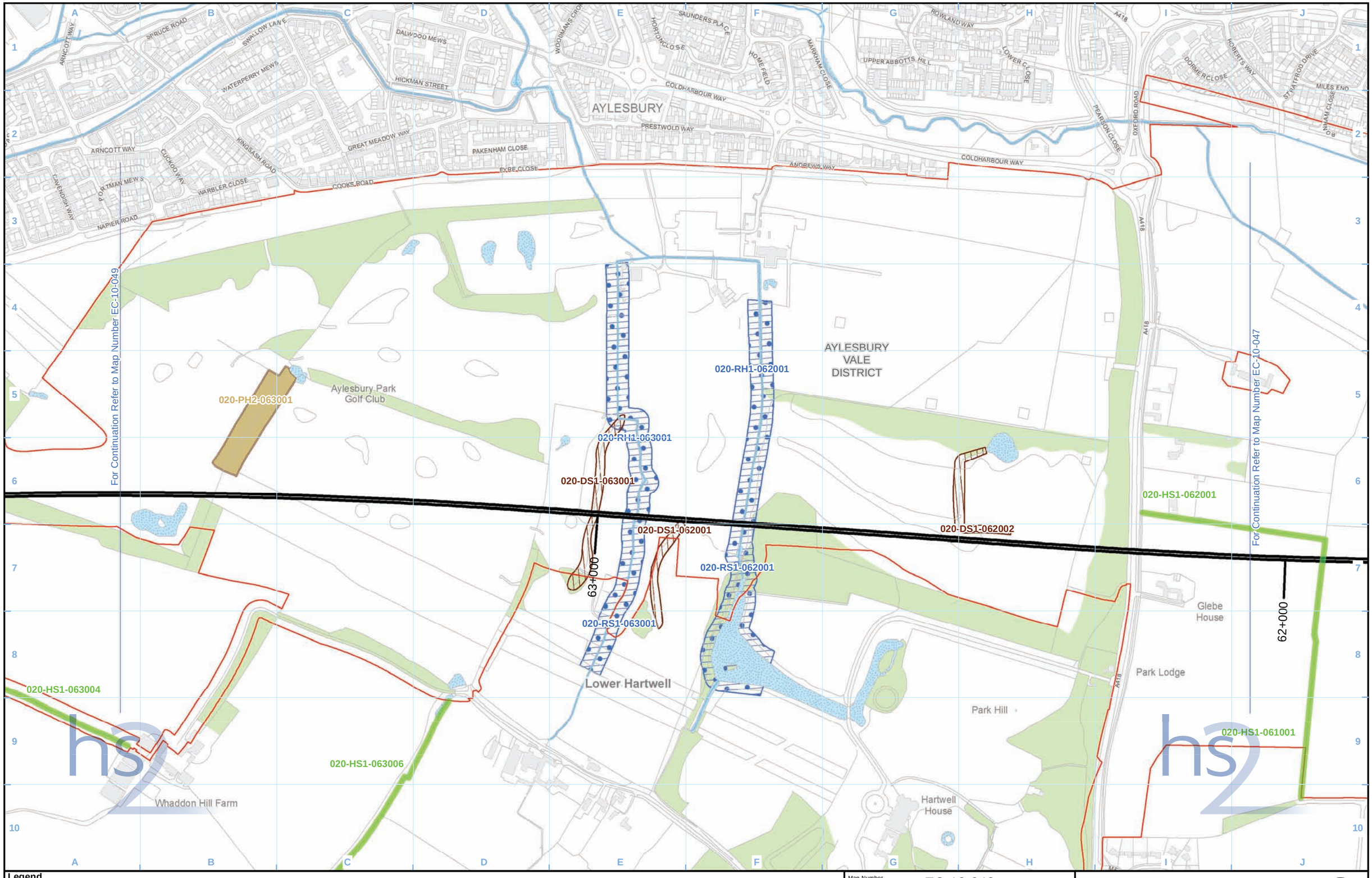
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002360-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-048

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

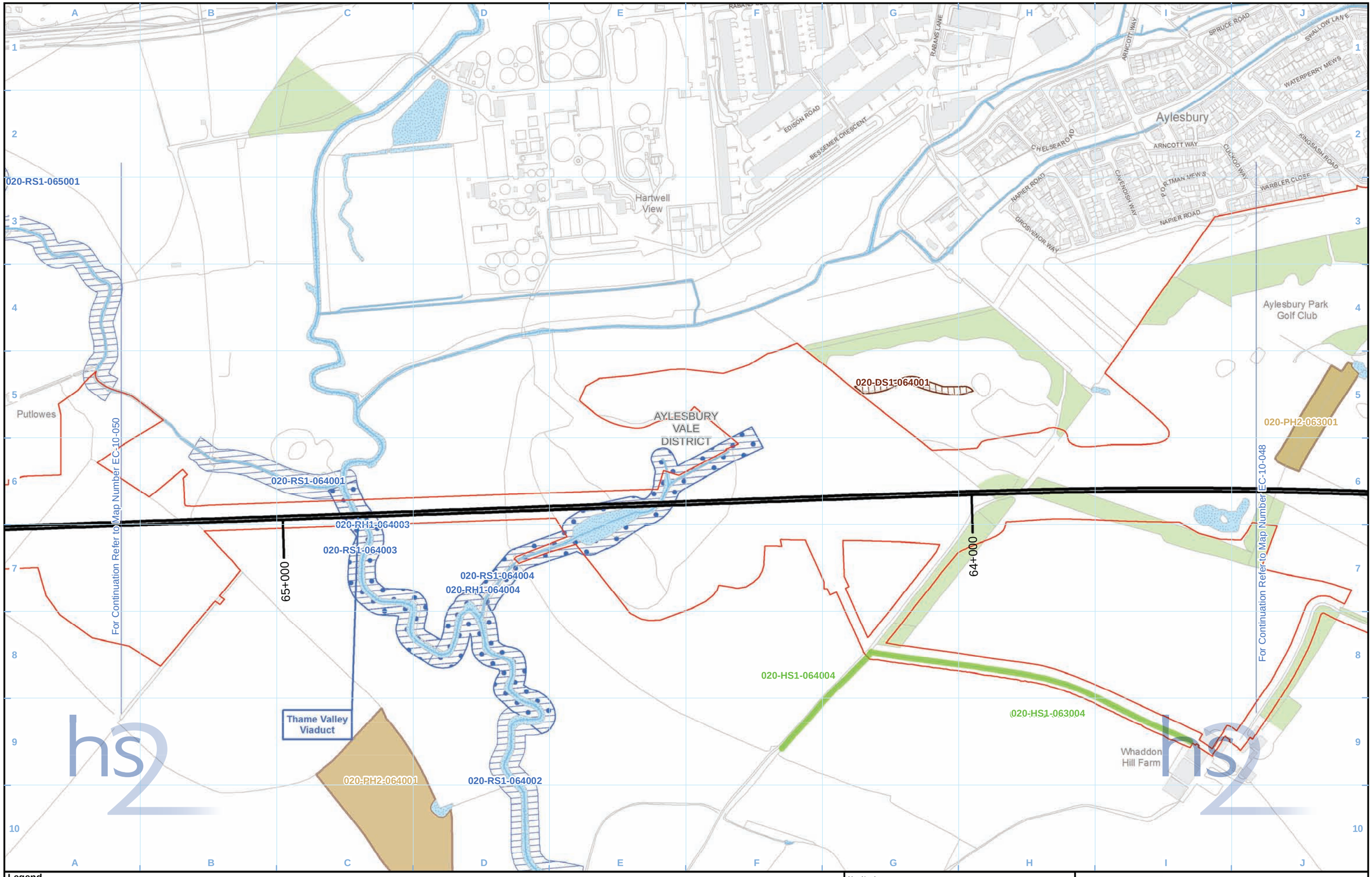
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002361-P06.00

Date: 29/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-049

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002362-P06.00

Date: 29/10/13

Hunters Farm Industrial Estate

Fleet Marston

Wayside Farm

A41

PUTLOWES DRIVE

Putlowes Cottages

Putlowes

020-RS1-065001

020-HS1-066005

AYLESBURY VALE DISTRICT

For Continuation Refer to Map Number EC-10-051a

For Continuation Refer to Map Number EC-10-049

020-RS1-064001

020-RH1-066001

020-RS1-066001

66+000

Fleet Marston Spinney

Thame Valley Viaduct

020-RS1-066002

020-RH1-066002

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-050

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002363-P06.00

Date: 29/10/13

WADDESDON AND QUAINTON

STOKE MANDEVILLE AND AYLESBURY

Lower Blackgrove Farm

Lower Blackgrove Farm Cottages

Fleet Marston Farm

Hunters Farm Industrial Estate

Fleet Marston Cottages

Cranwell Farm

AYLESBURY VALE DISTRICT

A41

020-HS1-068007

020-HS1-067004

020-HS1-067003

020-RS1-066001

020-RH1-066001

020-RH1-066002

020-RS1-066002

020-HS1-066005

68+000

67+000

For Continuation Refer to Map Number EC-10-052

For Continuation Refer to Map Number EC-10-050

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)
- National Vegetation Classification survey
- Ditch vegetation survey
- 'Important' hedgerow confirmed by field survey
- Possible 'Important' hedgerow – no access available for survey
- River corridor survey extent
- River habitat survey extent
- Lake habitat

Map Number: EC-10-051a

Map Name: Phase 2 Habitat Survey

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002364-P06.00

Date: 29/10/13

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-11 – Other Protected and Notable Species (1)

WADDESDON AND QUAINTON

STOKE MANDEVILLE AND AYLESBURY

WENDOVER, DUNSMORE AND HALTON

Quainton Road

Waddesdon

Upper Wichendon

Weedon

Wingrave

Rowsham

HERTFORDSHIRE
Dacorum Borough

Bierton

Aylesbury Vale Parkway

Aylesbury Vale District

AYLESBURY

Aston Clinton

Stone

Cuddington

Dinton

A418

Bishopstone

Stoke Mandeville

Weston Turville

Ford

Marsh

Halton

Haddenham

Haddenham & Thame Parkway

BUCKINGHAMSHIRE

Kimble Wick

Wycombe District

WENDOVER

Wendover

Little Kimble

OXFORDSHIRE

EC-11-051a

EC-11-050

EC-11-049

EC-11-048

EC-11-047

EC-11-046-R1

EC-11-046

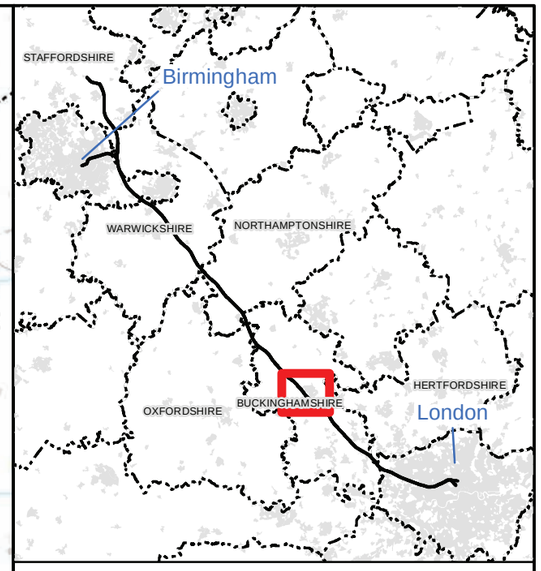
EC-11-046-L1

EC-11-045

EC-11-044b

Thame Valley Viaduct

Wendover Green Tunnel



Map Series Information:

This map series shows the extent of protected species surveys conducted to inform the Environmental Statement.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-11-INDEX-CFA11

Map Name: Index Map of: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002881-P06.00

Date: 24/10/13

DUNSMORE, WENDOVER AND HALTON

STOKE MANDEVILLE AND AYLESBURY

Stoke Mandeville Maintenance Loop

AYLESBURY VALE DISTRICT

WYCOMBE DISTRICT

020-IT1-056001

020-FI1-057001

020-FI1-057002

020-IT1-057001

020-OT1-057005

020-OT1-056005

020-IT1-055001

020-PS1-055001

57+000

56+000

For Continuation Refer to Map Number EC-11-045

For Continuation Refer to Map Number EC-11-043

Springfield Farm

Hideaway Farm

Lower Meadow

Quilters' Way

Nash Lee Road

Nash Lee Lane

A413

The Hollies

Hunter's Leaze

Craycraft

Stoke House

Mill House Farm

Stoke Grove Farm

Risborough Road

A4010

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-044b

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002511-P06.00

Date: 28/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

Stoke Mandeville
Brookmead
Manor Farm
Moat Farm
Brook Farm
Squirrel Farm
Yew Tree Farm
AYLESBURY VALE DISTRICT
Stoke House
Stoke Mandeville Maintenance Loop
Whitethorn Farm
Mill House Farm
WYCOMBE DISTRICT
Bucks Goat Centre
LOWER ROAD
IRWINE DRIVE
SWALLOW LANE
BRUDENELL DRIVE
CHESTNUT WAY
YEW TREE CLOSE
CHAPEL LANE
A4010
OLD RISBOROUGH ROAD
RISBOROUGH ROAD
MARSH LANE
020-FI1-058001
020-OT1-058004
020-OT1-057006
020-FI1-057002
020-IT1-057001
020-FI1-057001
020-OT1-057005
020-OT1-056005
59+000
58+000
For Continuation Refer to Map Number EC-11-046
For Continuation Refer to Map Number EC-11-044b
For Continuation Refer to Map Number EC-11-045-L1

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-045

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

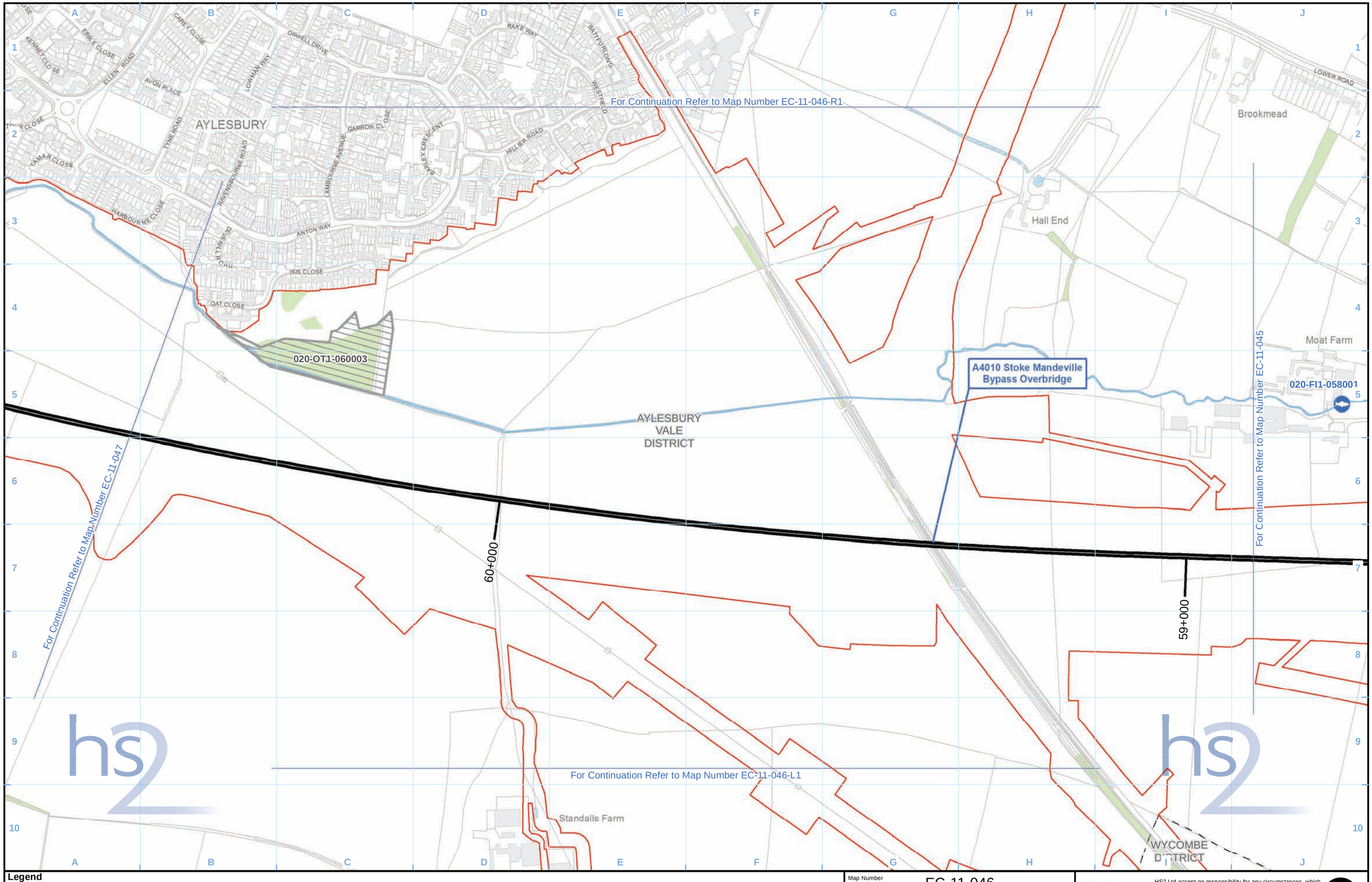
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002419-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-046

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002420-P06.00

Date: 28/10/13

For Continuation Refer to Map Number EC-11-046

Standalls Farm

AYLESBURY VALE DISTRICT

Model Farm

BISHOPSTONE

STOKE MANDEVILLE AND AYLESBURY

WYCOMBE DISTRICT

MARSH LANE

Marsh Crossing

Brook Farm

Marsh Mill Farm

Marsh

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-046-L1

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

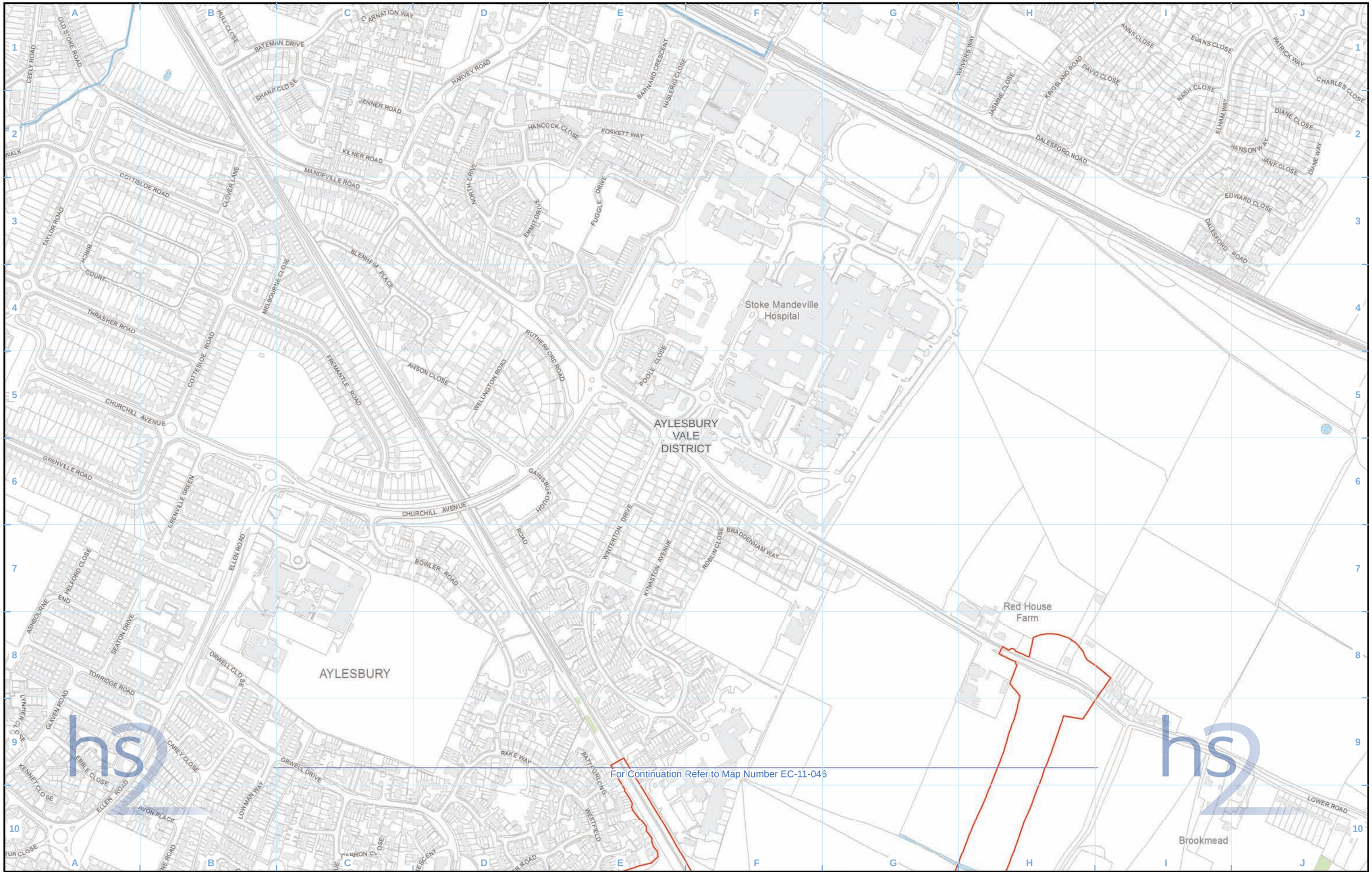
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003155-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-046-R1

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003156-P06.00

Date: 28/10/13

Walton Court

AYLESBURY

AYLESBURY VALE DISTRICT

Glebe House

Park Lodge

020-OT1-062009

020-IT1-063001

020-OT1-060003

020-OT1-061002

020-FI1-061001

020-OT2-061005

For Continuation Refer to Map Number EC-11-048

For Continuation Refer to Map Number EC-11-046

62+000

61+000

ALHAM ROAD, HAMBLE DRIVE, SUBLY CLOSE, HUMBER DRIVE, CORNBROOK ROAD, PRIMROSE DRIVE, CROCUS DRIVE, IRIS CLOSE, ELLEN ROAD, WYE CLOSE, TEES ROAD, SWALE ROAD, WELLAND ROAD, NENE CLOSE, BLACKWATER DRIVE, WITHAM WAY, STOUR CLOSE, TAMAR CLOSE, HARBOURNE CLOSE, DEVERILL ROAD, ISIS CLOSE, OAT CLOSE, RAVENSBOURNE ROAD, ANTON WAY, LAMBOURNE AVENUE, GARRON CLOSE, LOWMAY WAY, ORWELL DRIVE, CAREY CLOSE, AVON PLACE, TYNE ROAD, KENNET CLOSE, EBBLE CLOSE, ELLEN ROAD, GLAVEN ROAD, LYNHER CLOSE, ALWIN CLOSE, TORRIDGE ROAD, ASHLEY ROAD, DORNIER CLOSE, ROBERTS WAY, STRATFORD DRIVE, MILES END, WITHAM CLOSE, PEARSON CLOSE, OXFORD ROAD, A418, MEADOWAY

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-047

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002421-P06.00

Date: 28/10/13

AYLESBURY

AYLESBURY VALE DISTRICT

020-PS1-063004
020-PS1-063003
020-PS1-062002
020-PS1-062001
020-FI1-063001
020-PS1-063002
020-IT1-063001
020-PS1-063001
020-WC2-062001
020-OT1-062009

63+000
62+000

For Continuation Refer to Map Number EC-11-049

For Continuation Refer to Map Number EC-11-047

Aylesbury Park Golf Club
Lower Hartwell
Whaddon Hill Farm
Glebe House
Park Lodge
Park Hill
Hartwell House

ARNCOTT WAY
SPRUCE ROAD
SWALLOW LANE
WATERPERRY MEWS
DALWOOD MEWS
HICKMAN STREET
WOODMANS CROFT
HORTON CLOSE
SAUNDERS PLACE
HOME FIELD
COLDHARBOUR WAY
MARHAM CLOSE
ROWLAND WAY
UPPER ABBOTTS HILL
LOWER CLOSE
A418
DORMER CLOSE
ROBERTS WAY
STRATFORD DRIVE
MILES END
BOTTOM CLOSE
PEARSON CLOSE
OXFORD ROAD
PRESTWOLD WAY
ANDREWS WAY
PAKENHAM CLOSE
GREAT MEADOW WAY
KINGSASH ROAD
CUCKOO WAY
WARBLER CLOSE
COOKS ROAD
EYRE CLOSE
CAVENDISH WAY
PORTMAN MEWS
NAPIER ROAD

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number
EC-11-048

Map Name
Other Protected and Notable Species (1)

Community Forum Area CFA11:
Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

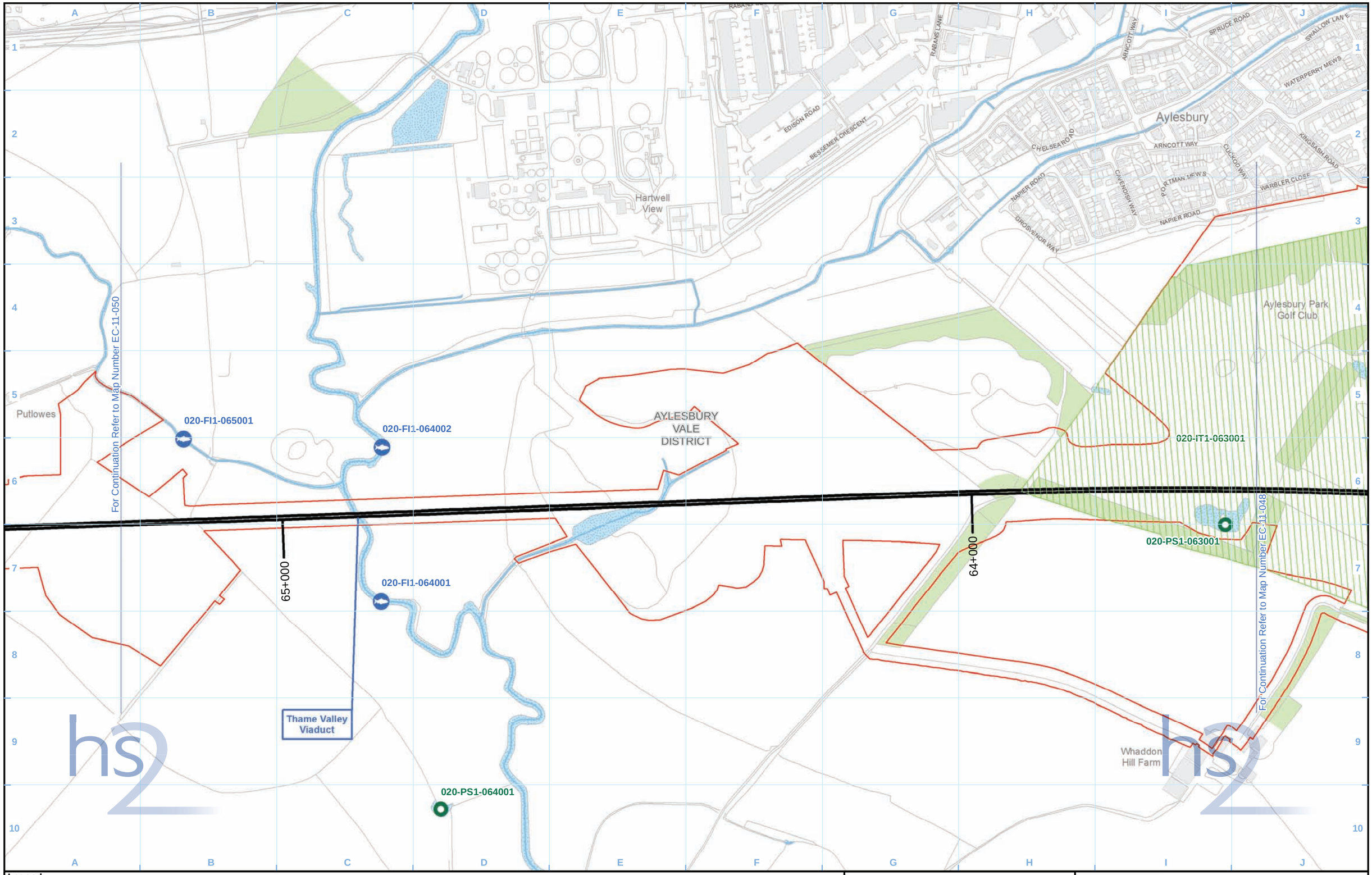
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002422-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-049

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

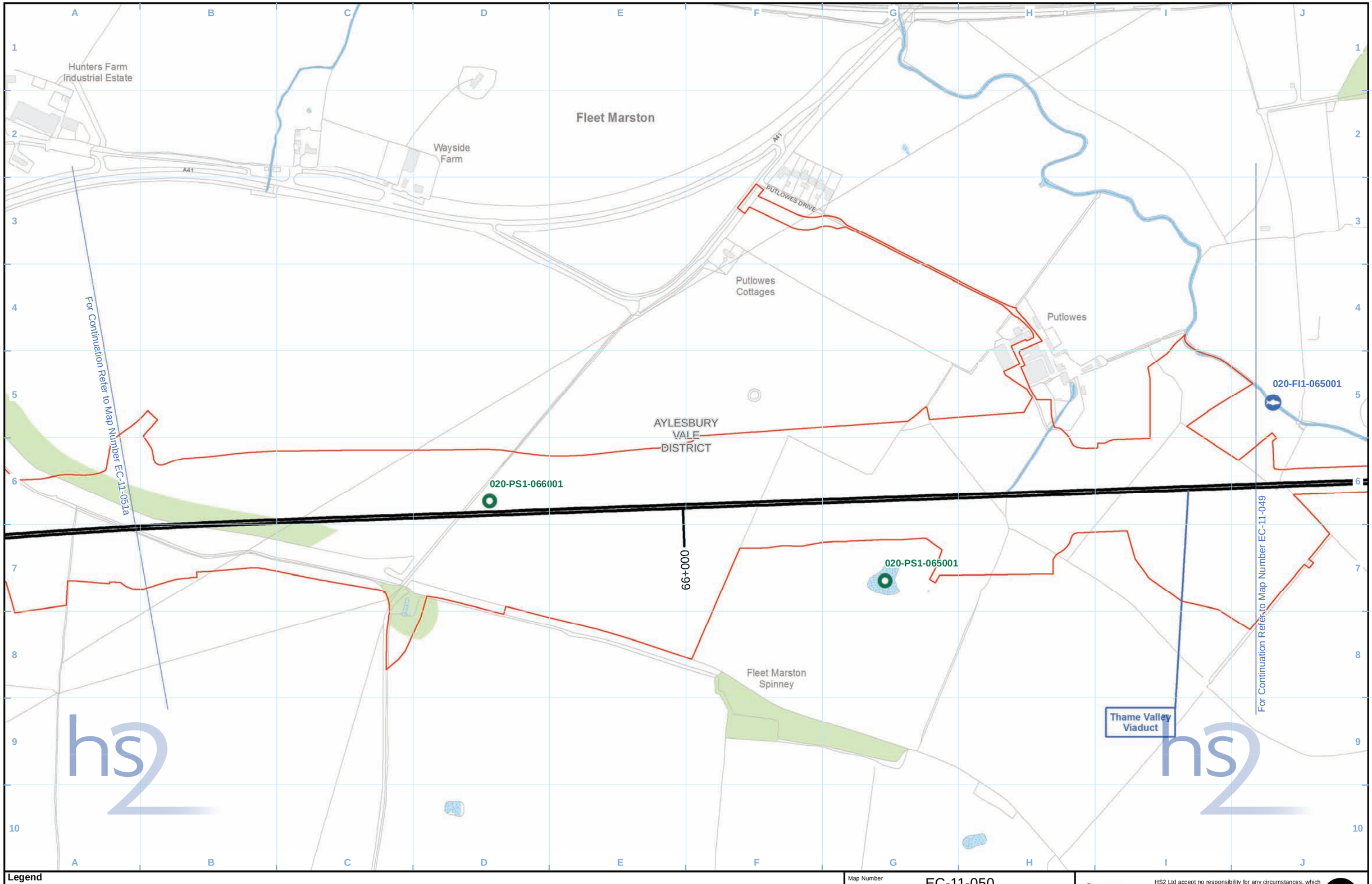
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002423-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-050

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

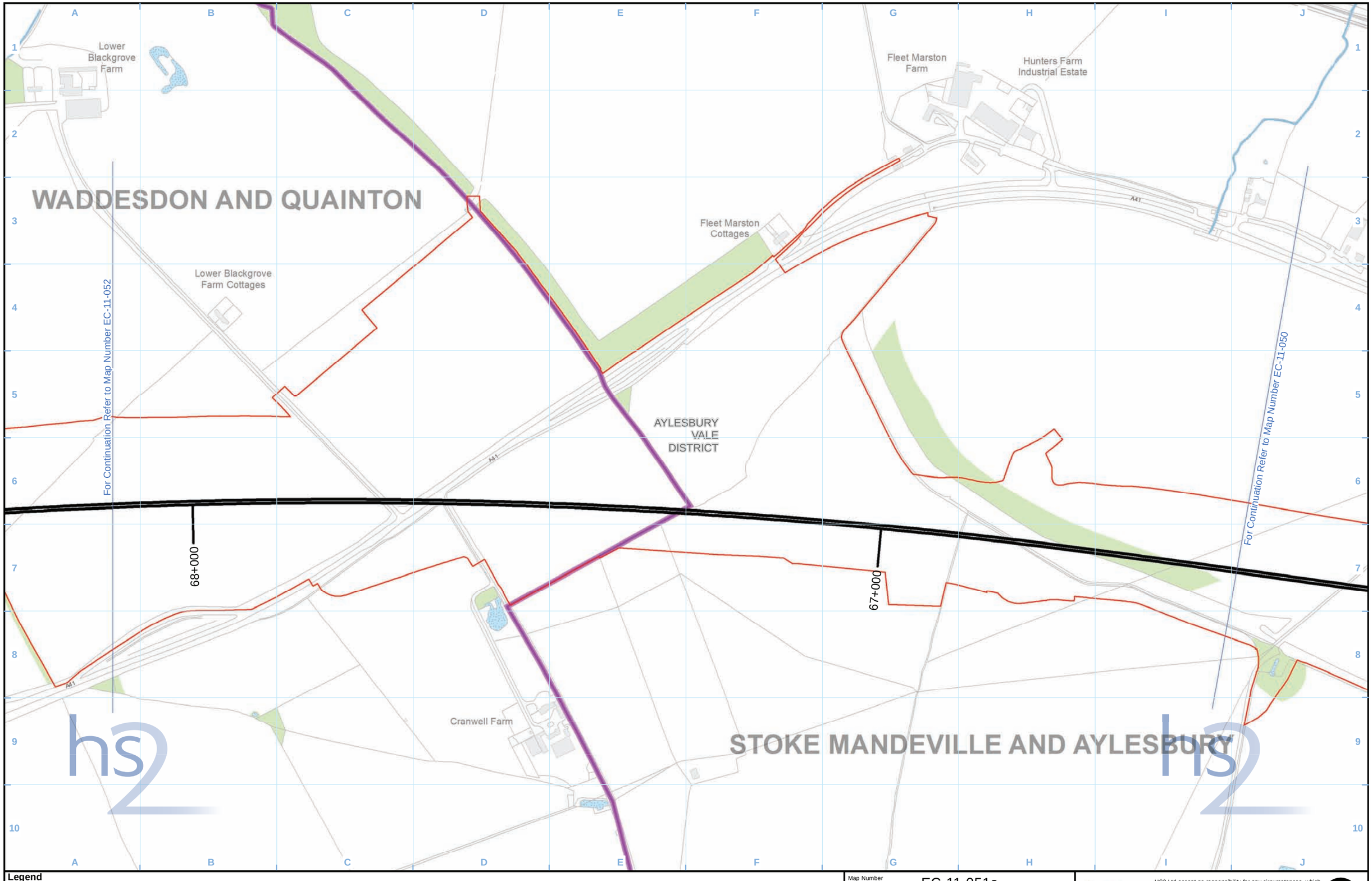
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002424-P06.00

Date: 28/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Otter:
- Active otter holt
- Potential otter holt
- Otter terrestrial habitat

White clawed crayfish:
- Manual search and/or trapping conducted and presence confirmed
- Manual search and/or trapping conducted and assumed absent
- Site identified as potentially suitable but no access available

Pond survey:
- Pond survey – national pond survey
- Pond survey – PSYM
- Pond survey – rapid assessment method

Fish:
- Fish survey location

Terrestrial invertebrate:
- Terrestrial invertebrate survey extent

Map Number: EC-11-051a

Map Name: Other Protected and Notable Species (1)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-002425-P06.00

Date: 28/10/13

LONDON-WEST MIDLANDS ENVIRONMENTAL STATEMENT

EC-12 – Other Protected and Notable Species (2)

WADDESDON AND QUAINTON

STOKE MANDEVILLE AND AYLESBURY

HERTFORDSHIRE Dacorum Borough

DUNSMORE, WENDOVER AND HALTON

BUCKINGHAMSHIRE

OXFORDSHIRE

Quainton Road

Waddesdon

Upper Wichendon

Thame Valley Viaduct

Haddenham

Haddenham & Thame Parkway

Cuddington

Dinton

Stone

Aylesbury Vale Parkway

Aylesbury Vale District

AYLESBURY

Weedon

Wingrave

Rowsham

Bierton

Aston Clinton

Bishopstone

Ford

Kimble Wick

Marsh

Stoke Mandeville

Stoke Mandeville

Weston Turville

Halton

WENDOVER

Wendover

Wycombe District

Little Kimble

Little Kimble

Wendover Green Tunnel

EC-12-051a

EC-12-050

EC-12-049

EC-12-048

EC-12-047

EC-12-046-R1

EC-12-046

EC-12-046-L1

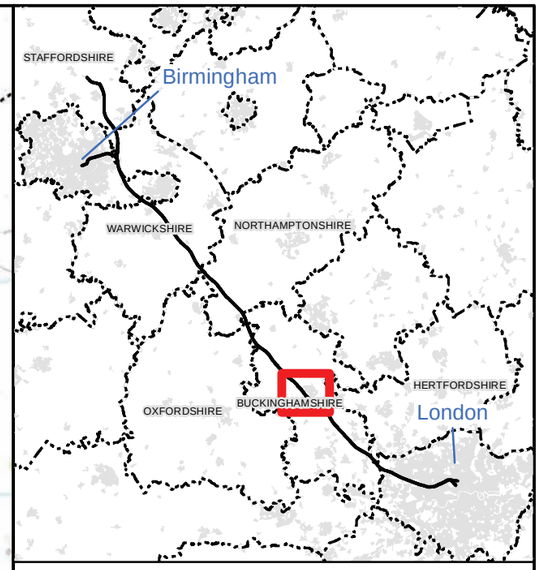
EC-12-045

EC-12-044b

A413

A41

A418



Map Series Information:

This map series shows the extent of protected species surveys conducted to inform the Environmental Statement.

Note: Not all data layers in the legend are represented on every map.

Main Map Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Community forum boundary
- Existing railway station
- County boundary
- District/Borough boundary
- Map sheets included in this community forum
- Map sheets not included in this community forum

Map Number: EC-12-INDEX-CFA11

Map Name: Index Map of: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:50,000

0 500 1,000 1,500 2,000 Metres

Doc Number: C252-ETM-EV-MAP-020-002890-P06.00

Date: 30/10/13

DUNSMORE, WENDOVER AND HALTON

STOKE MANDEVILLE AND AYLESBURY

Springfield Farm
Hideaway Farm
Lower Meadow
QUILTERS WAY
NASH LEE ROAD
A413
NASH LEE LANE
The Hollies
Stoke House
Stoke Mandeville Maintenance Loop
AYLESBURY VALE DISTRICT
For Continuation Refer to Map Number EC-12-045
For Continuation Refer to Map Number EC-12-043
020-WV1-057004
020-WV1-056001
020-IA1-057002
020-IA1-057001
020-HD1-056001
020-WV1-057001
020-WV1-057006
57+000
56+000
Hunter's Leaze
Mill House Farm
AYLESBURY ROAD
Craycraft
020-HD1-057001
A4010
Stoke Grove Farm
WYCOMBE DISTRICT

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-044b

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003107-P06.00

Date: 31/10/13

STOKE MANDEVILLE AND AYLESBURY

DUNSMORE, WENDOVER AND HALTON

Stoke Mandeville
Brookmead
Manor Farm
Moat Farm
Brook Farm
Squirrel Farm
Yew Tree Farm
Stoke House
Whitethorn Farm
Mill House Farm
Bucks Goat Centre
AYLESBURY VALE DISTRICT
WYCOMBE DISTRICT
LOWER ROAD
IRVINE DRIVE
SWALLOW LANE
BRUDENELL DRIVE
CHESTNUT WAY
YEW TREE CLOSE
CHAPEL LANE
A4010
MARSH LANE
OLD RISBOROUGH ROAD
RISBOROUGH HIGH RIGS

020-WV1-057005
020-IA1-058001
020-WV1-058002
020-WV1-057003
020-WV1-057004
020-WV1-057001
020-WV1-057002
020-IA1-057002
020-IA1-057001
020-WV1-057006
020-HD1-057001
020-HD1-052003

Stoke Mandeville Maintenance Loop

59+000
58+000

For Continuation Refer to Map Number EC-12-046
For Continuation Refer to Map Number EC-12-044b
For Continuation Refer to Map Number EC-12-045-L1

Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-045

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

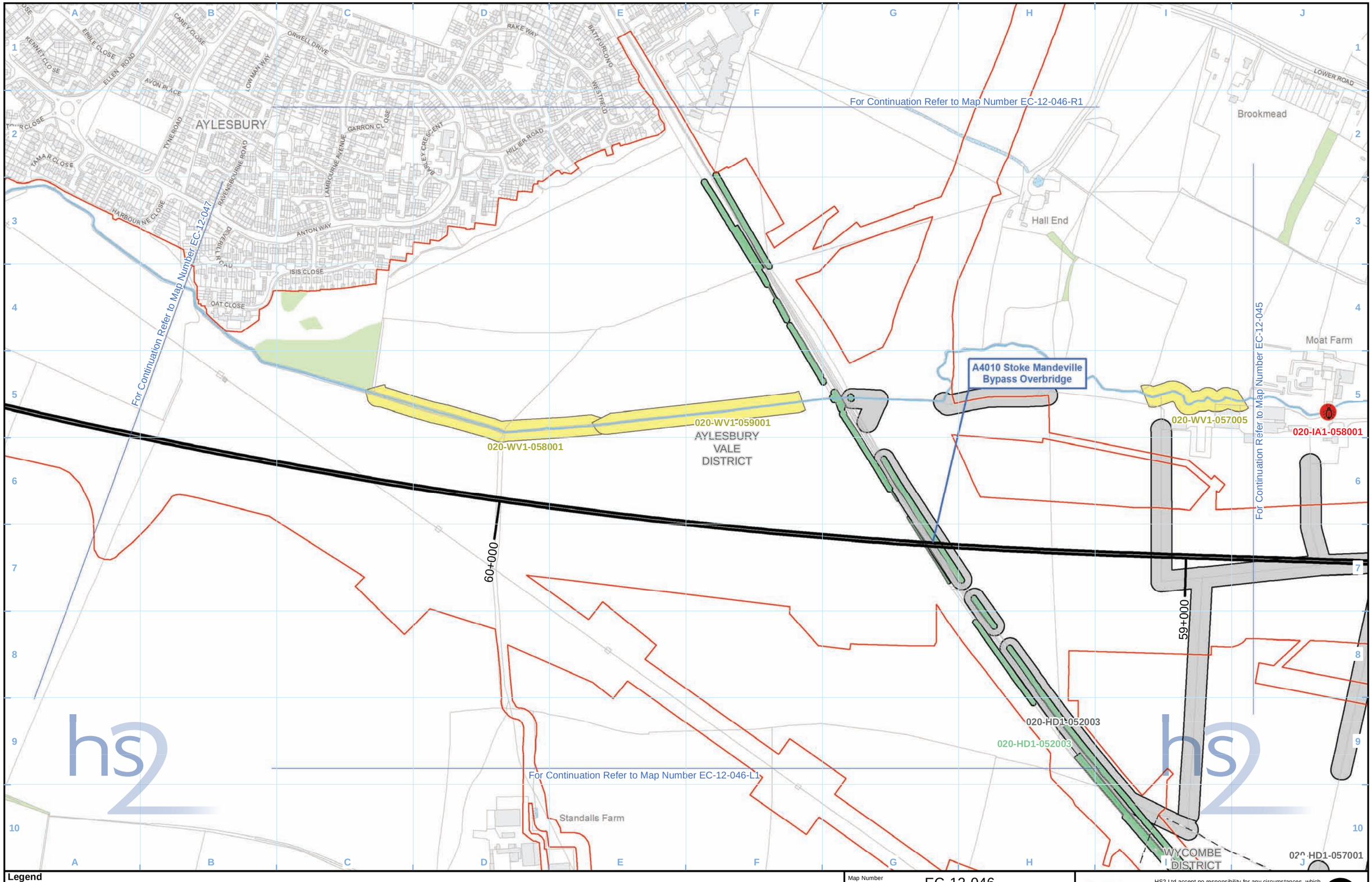
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003066-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-046

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

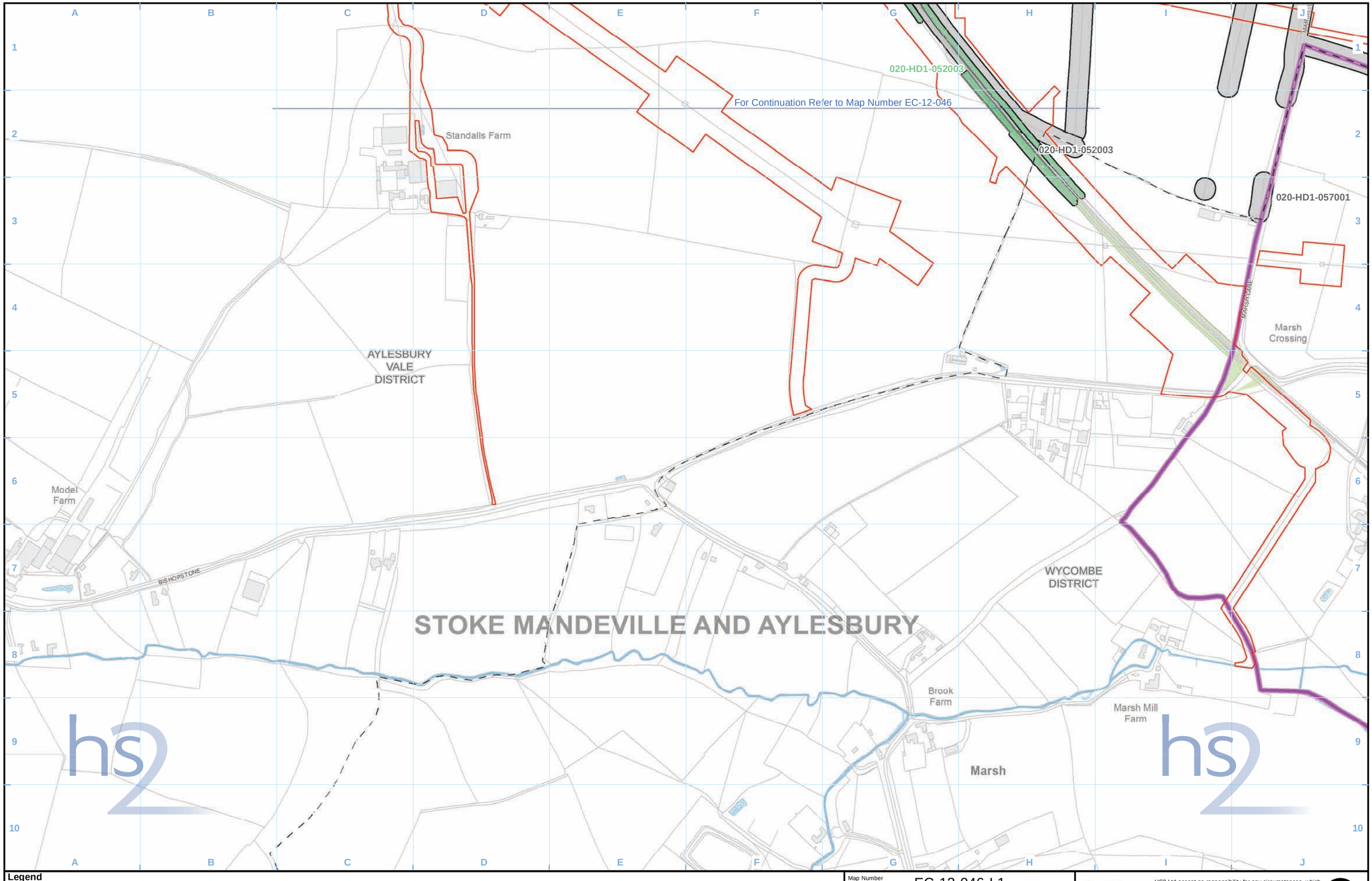
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003067-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-046-L1

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

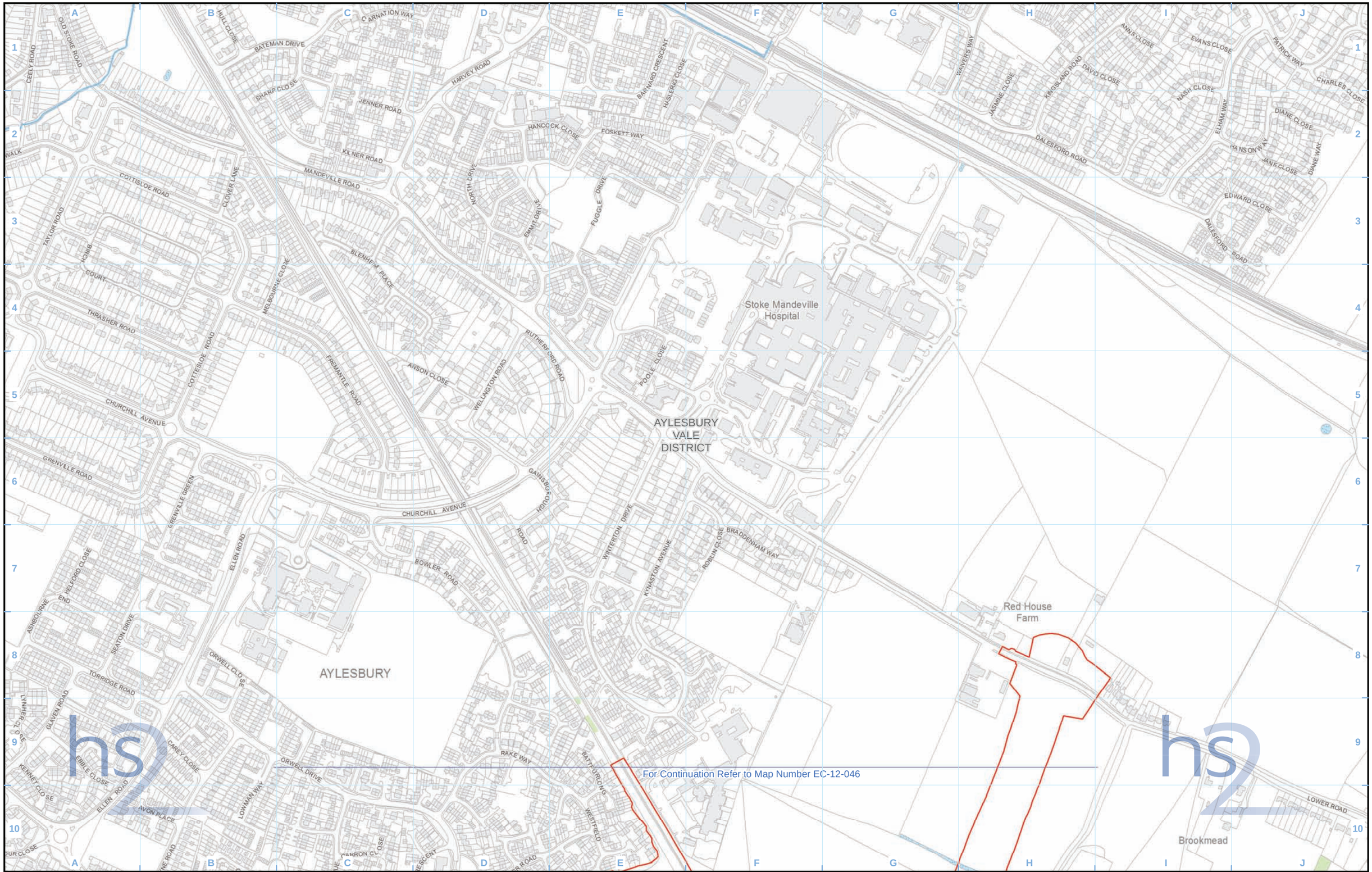
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003122-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-046-R1

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

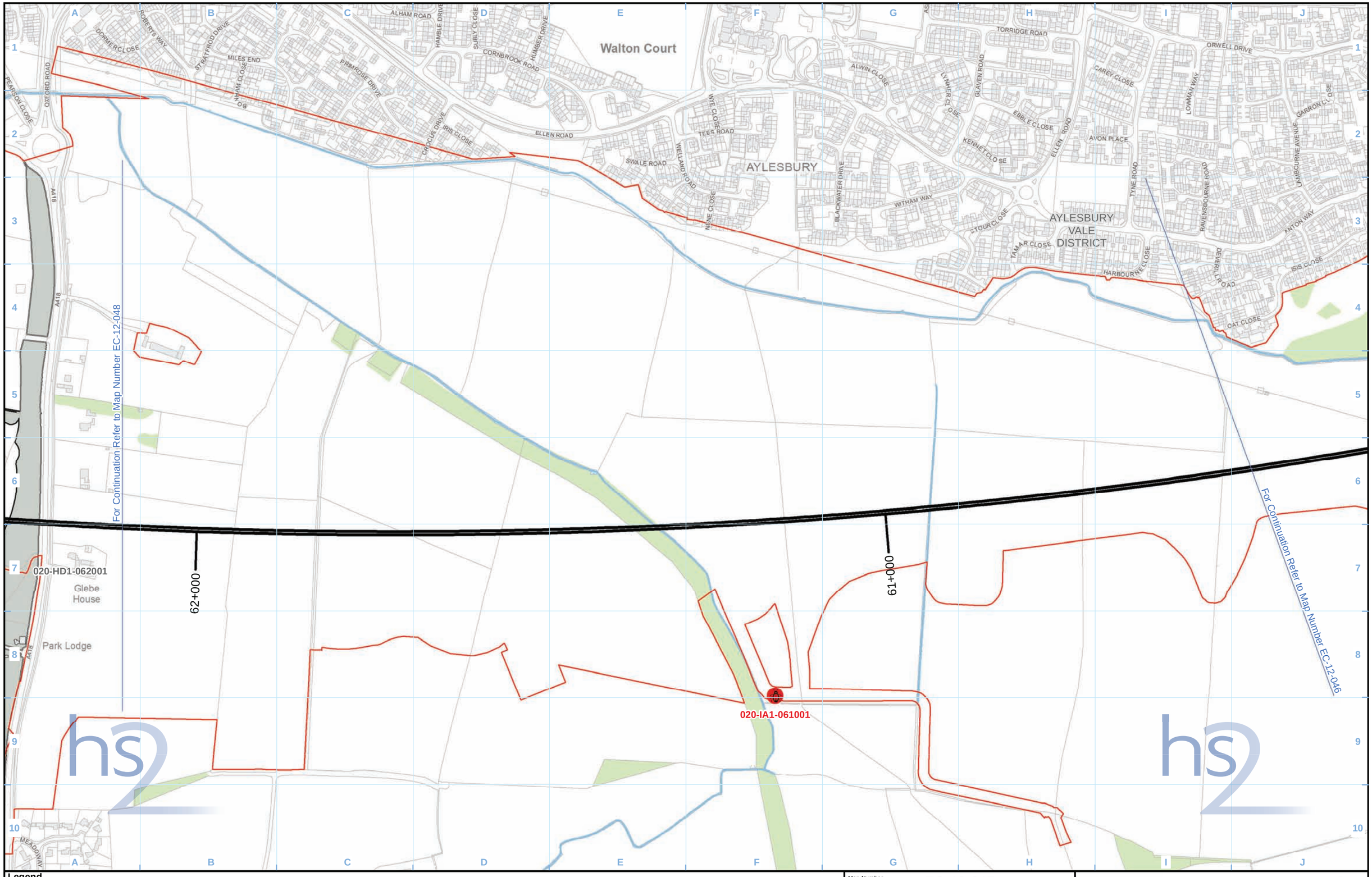
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003123-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-047

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

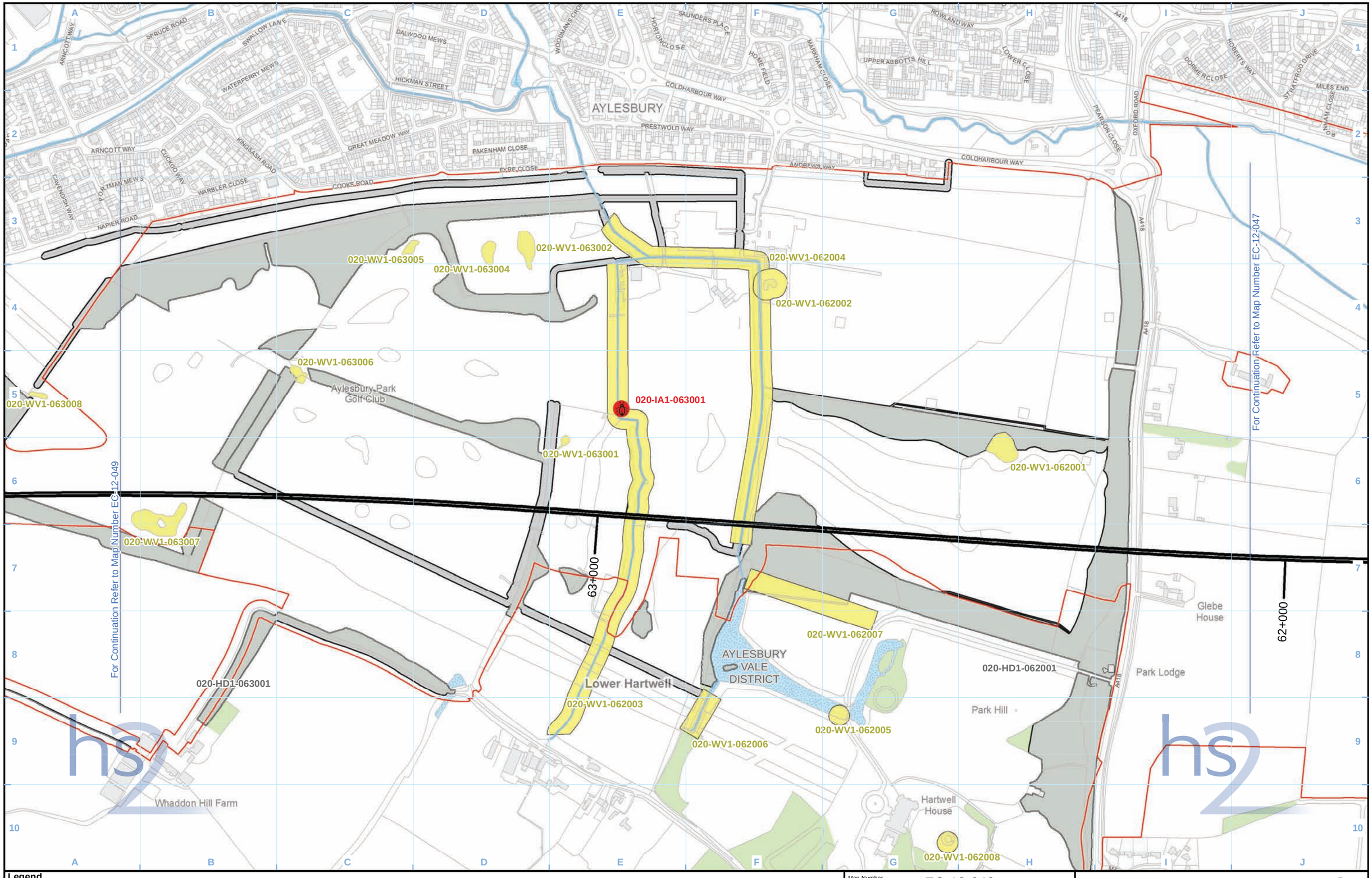
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003068-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number
EC-12-048

Map Name
Other Protected and Notable Species (2)

Community Forum Area CFA11:
Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

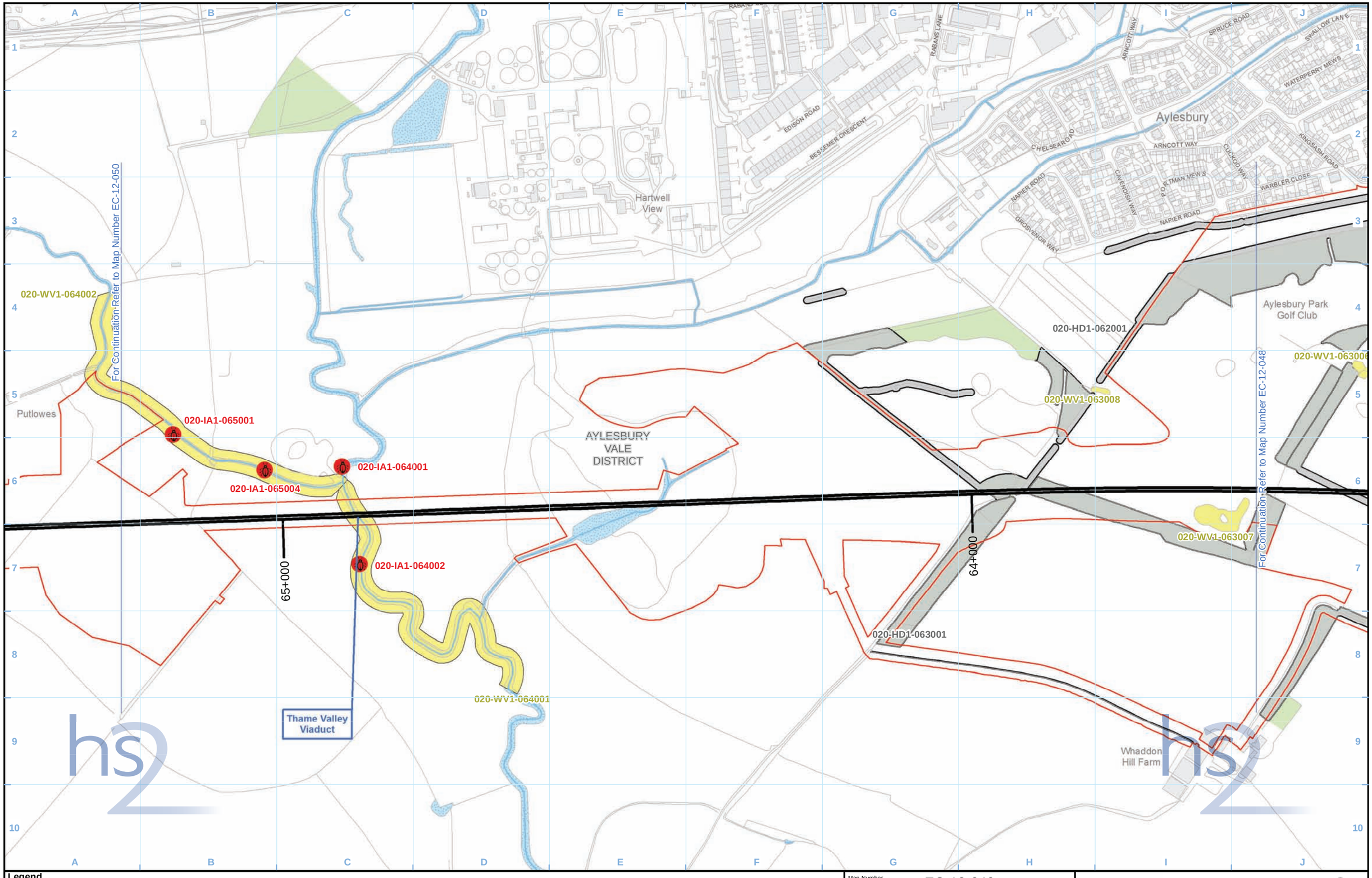
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003069-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-049

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

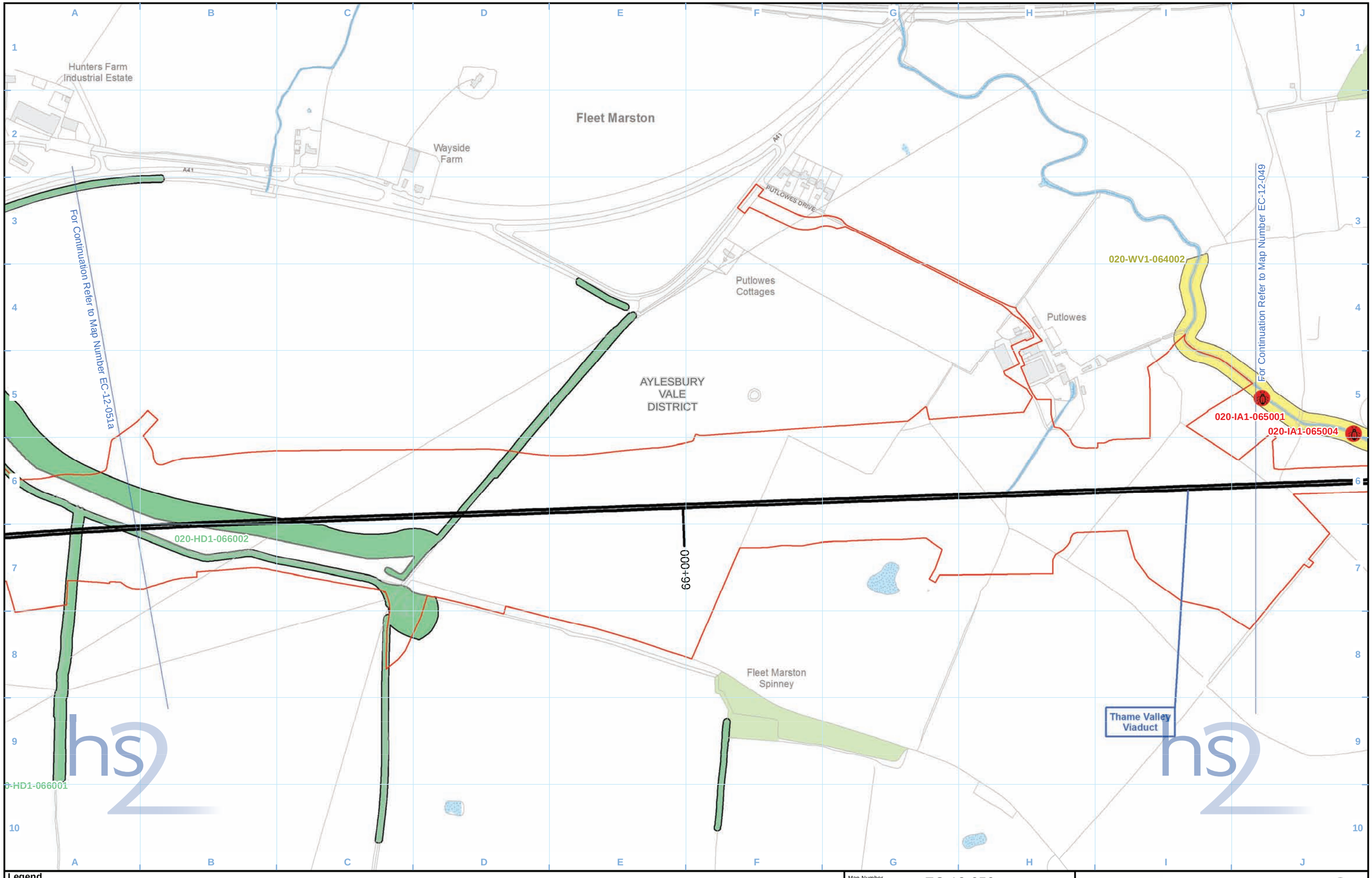
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003070-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-050

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: Eland House, Bressenden Place, London SW1E 5DU.

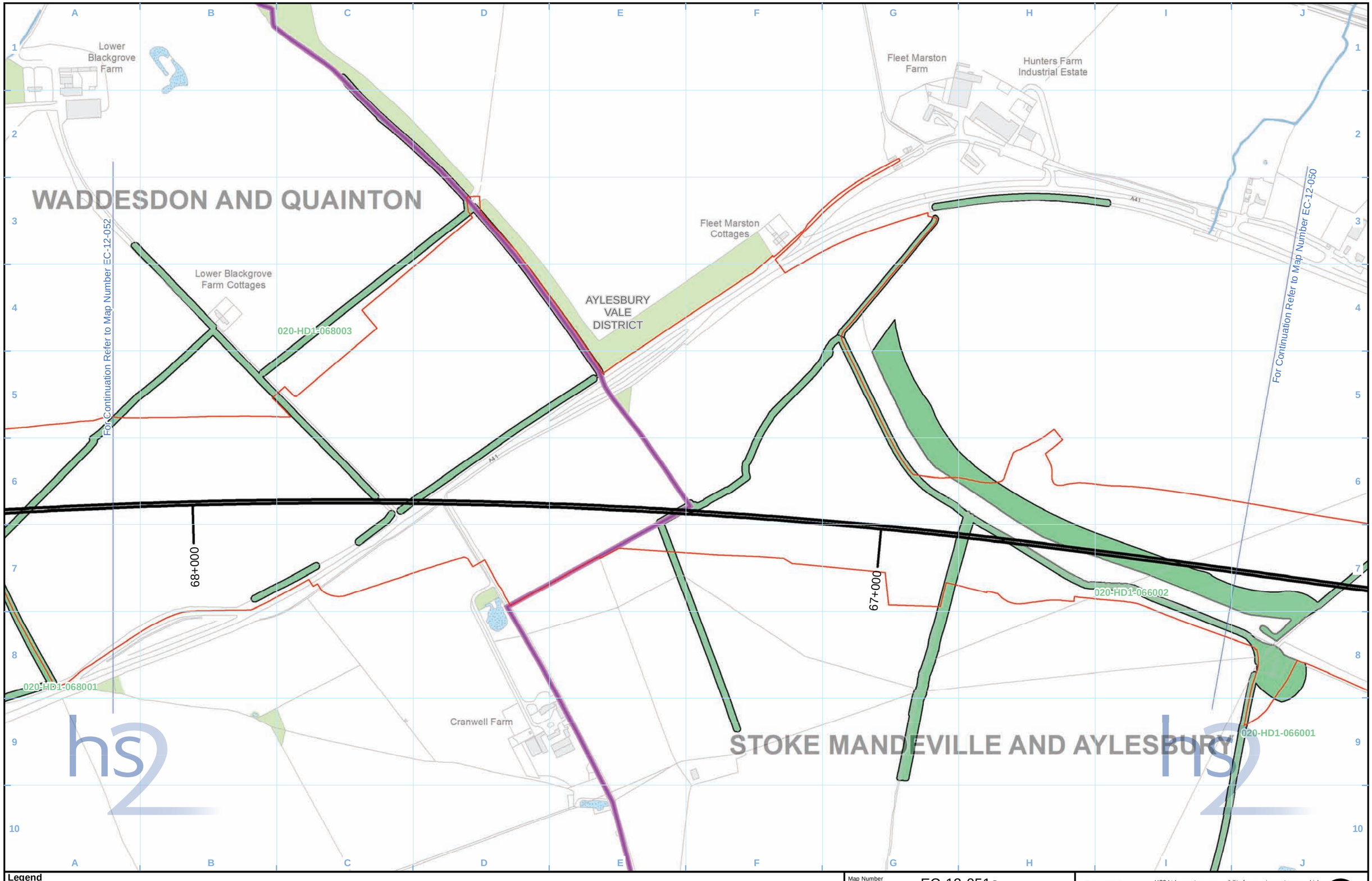
© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003071-P06.00

Date: 31/10/13



Legend

- Route in tunnel
- Route on surface
- Depot, station, headhouse or portal building
- Land potentially required during construction
- Community forum boundary
- District/Borough boundary
- Watercourse
- Water body
- Woodland (verified by survey)

Aquatic invertebrate:
- Aquatic invertebrate survey location

Water vole:
- Water vole survey undertaken – presence confirmed
- Water vole survey undertaken – assumed absent
- Watercourse potentially suitable for water vole - no or limited access for survey

Dormouse:
- Nest tube survey and/or nut search conducted and presence confirmed
- Nest tube survey and/or nut search conducted and no signs of dormouse identified
- Site identified as potentially suitable for dormouse but no access available

Map Number: EC-12-051a

Map Name: Other Protected and Notable Species (2)

Community Forum Area CFA11: Stoke Mandeville and Aylesbury

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686. Registered office: Eland House, Bressenden Place, London SW1E 5DU.

© Crown copyright and database rights 2013. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:5,000

0 50 100 150 200 Metres

Doc Number: C252-ETM-EV-MAP-020-003072-P06.00

Date: 31/10/13